

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 2: Generation Study - Includes Extrapolation of Residential or Non-Residential Diversion Data

To request a substitution for a previously approved base year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to reach your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance (MS - 25)
1001 I Street
PO Box 4025 (mailing address)
Sacramento, CA 95812-4025

General Instructions:

Please select the ONE choice below that best explains your request to the Board.

1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name City of Tustin		County Orange	
Authorized Signature 		Title Admin. Svcs. Mgr.	
Type/Print Name of Person Signing Joe Meyers, Administrative Services Manager		Date 12/18/02	Phone () Include Area Code 714-573-3173
Person Completing This Sheet (please print or type) Michael Ballet, Consultant		Title	
Affiliation:	Consultant retained by Federal Disposal Service		
Mailing Address 300 Centennial Way	City Tustin	State CA	ZIP Code 92670
E-Mail Address imeyers@tustinca.org			

Section II: Information for New Generation-Based Study			
Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., <i>Note: New base years must be representative of a jurisdiction's disposal and diversion.</i>			
1. Current Board-approved existing base year:		2. Proposed new generation-based study year:	
1990		2001	
3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:			
Year 2001 disposal and diversion data uncovered contains no anomalies that would render this data an inaccurate predictor of current and future waste generation in the City of Tustin. Disposal data corresponds with the CIWMB's current disposal reporting system and all diversion data was obtained using CIWMB approved methodologies and conversion factors.			
4. Enter diversion rate information below.			
Diversion rate calculated using existing base year		Diversion rate calculated using new generation-based study	
a. NA %		b. 46 %	
For existing base year pounds/person/day based on generation		For new generation based study pounds/person/day based on generation	
9		12	
Residential generation 29.7 %	Non-Residential generation 70 %	Residential generation 15.19 %	Non-Residential generation 84.91 %
Population existing generation-based study 50689		Population new generation-based study 67504	
5. If there is an increase from 4a to 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide examples (e.g., change in jurisdiction's demographics).			
The 1990 waste generation study did not include diversion tonnage information for the majority of businesses in the City. The total commercial/industrial diversion contained in the 1990 study did not accurately reflect the level of existing level of recycling in the City's business community. Increases in the base-year diversion rate and pounds/person/day figures, from 1990 to 2001, are attributable to the inclusion of business diversion data in the new base-year study.			
6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)			
As explained above, a significant portion of the City's commercial and industrial diversion was not included in the original (1990) base-year study. In addition, the City has established greenwaste and commercial diversion programs in the intervening years. Other reasons for the increased diversion rate is the refinement and expansion of residential curbside recycling and the free commercial/industrial recycling program for mixed materials.			

7. Disposal Tonnage (enter values):	12426 Residential	69392 Non-Residential	81618 Total
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Please select the **ONE** choice below that best explains your disposal data and complete the required tables.

a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytmdrj.doc)

c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytmdrj.doc)

8. In the table below, list the summarized diversion activities and diversion data records that support your claim and are available for Board audit. (Note: the Board expects the jurisdictions to be able to provide all backup documentation, if requested.) Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (sheet will perform all addition calculations). If any diversion is from restricted wastes (i.e., agricultural wastes, inert solids [e.g. concrete, asphalt, dirt, etc.], white goods, and scrap metal), please identify those programs/waste types and fill out section 11. **Note: Restricted waste material should not be extrapolated in non-residential waste audits.** Please mark as attachment 8 all copies of survey sheets.

* Please provide detailed non-residential waste audit information in Section 9.

Notes: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.

Diversion Activity	Actual Tons	Estimated or Extrapolated Tons	Total Tons	Relative Percent to Total Generation (A+B)/Total Generation	Specific Material Type(s) (List programs with multiple materials together)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Residential Source Reduction Activities							
Backyard Composting	0	0					
Grasscycling	214	0	214.16	0.1%	Greenwaste	8 tons per acre per year - CIWMB	Home owner association property description - AI HOA offices.
Other Residential Source Reduction (list each program separately)							
Enter program name							
Enter program name							
Enter program name							
Enter program name							
Subtotal, Res. Source Reduction	214	0	214.16	0.1%			
Residential Recycling Activities							
Curbside Recycling	2906	N/A	2906	1.9%	Containers and newspaper	None	Hauler weight tickets
Buyback Centers	250	N/A	250	0.2%	Beverage containers	None	Department of Conservation records
Drop-off Centers	0	N/A					
Other Residential Recycling (list each program separately)							
Enter program name	0	N/A					
Enter program name		N/A					

Enter program name		N/A								
Enter program name		N/A								
Enter program name		N/A								
Subtotal, Residential Recycling	3156		3156	2.1%						
Residential Composting Activities										
Green Waste Drop-off	1874	N/A	1873.88	1.2%	Greenwaste		85 lbs. Per burlap (based on average weight of 25 burlaps weighed).		Contracted landscaper and Home Owner Association (HOA) records.	
Curbside Green Waste	4168	N/A	4168	2.7%	Greenwaste		None		Hauler weight tickets	
Christmas Tree Program	31	N/A	31	0.0%	Greenwaste		None		Hauler weight tickets	
Other Residential Composting (list each program separately)										
Enter program name		N/A								
Enter program name		N/A								
Enter program name		N/A								
Enter program name		N/A								
Enter program name		N/A								
Subtotal, Residential Composting	6073		6072.88	4.0%						
Subtotal, Residential Diversion	9443	0	9443.04	6.2%						
Non-Residential Source Reduction Activities										
Non-Residential Waste Audits	2080	0	2080.41	1.4%						See Section 9
Other Non-Residential Source Reduction (list each program separately)										
City Facility Grasscycling	2490	N/A	2490.32	1.6%	Greenwaste		8 tons per acre per year - CIWMB		City facility property descriptions - City of Tustin	
Enter program name		N/A								
Enter program name		N/A								
Enter program name		N/A								
Subtotal, Non-Residential Source Reduction	4571	0	4570.73	3.0%						
Non-Residential Recycling Activities										
Non-Residential Waste Audits*	22833	2058	24891.1	16.3%						See Section 9
Other Non-Residential Recycling (list each program separately)										
Hauler Commercial	1279	N/A	1279	0.8%	Primarily OCC & paper		None		Hauler weight tickets	
Hauler Industrial	4299	N/A	4299	2.8%	Various Roll-Off Recycling		None		Hauler weight tickets	
Hauler Transformation	3639	N/A	3639	2.4%	Mixed commercial waste		None		Transformation Facility records	
Enter program name		N/A								
Enter program name		N/A								
Subtotal Non-Residential Recycling	32050	2057.61	34108.1	22.3%						
Non-Residential Composting Activities										

Non-Residential Waste Audits*	5114	0	5114.48	3.3%	See Section 9	See Section 9	See Section 9
Other Non-Residential Composting (list each program separately)							
Multi-Family Greenwaste	2061	N/A	2060.66	1.3%	Greenwaste	85 lbs. Per burlap (based on average weight of 25 burlaps weighed.	Record of sample weights - Federal Disposal
Industrial Self-Haul	1476	N/A	1475.59	1.0%	Greenwaste	86 lbs. Per burlap (based on average weight of 25 burlaps weighed.	Record of sample weights - Federal Disposal
Tree Trimmers	1604	N/A	1604	1.0%	Greenwaste	None	Landscaper records - with respective firms
City Facilities	1308	N/A	1307.6	0.9%	Greenwaste	None	Landscaper records - with respective firms
Commercial Self-Haul	731	N/A	730.6	0.5%			
Subtotal Non-Residential Composting	12293	0	12292.93	8.0%			
Subtotal, Non-Residential Diversion	48914	2057.61	50971.76	33.3%			
Residential/Non-Residential Diversion Activities	0	N/A					
ADC	0	N/A					
Sludge	0	N/A					
Scrap Metal	0	N/A					
Construction and Demolition	10197	N/A	10196.76	6.7%	Construction & Demolition	None	Company records of respective firms - with firms
Landfill salvage	411	N/A	411.13	0.3%	Misc. MSW	None	County Landfill Operator records - submitted to CIWMB by operator
Subtotal Residential/Non-Residential Diversion	10608	0	17786.34	11.6%			
Total Res/Non-Res Source Reduction Tons	4785	0	4785	3.1%			
Total Diversion Tons	68965	2057.61	71022.69	46%			
Total Disposal Tons from Sec.7	81818		81818.11	53.5%			
Total Generation (Div+Dis)	150783	2057.61	152840.8				
				46%	Diversion Rate		

9. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from the largest to smallest, based on total diversion tons. The audit reference number should correspond to the number given your survey sheet (Table will perform all calculations).

Include an attachment, marked "Attachment 9", which includes a summary of all the generators surveyed and all extrapolation calculations used to estimate the diversion rate:

- Include copies of survey sheet(s) used.
- Include for each generator (use type of generator in lieu of specific generator name e.g., grocery store) each specific diversion activity and material type (e.g. cardboard recycling) and the associated tonnage for each diversion activity/material type, and applicable conversion factors/source.
- If using the number of employees for your extrapolation method, include this information for each generator surveyed.
- Please order the non-residential generators, largest to smallest, based on total diversion tons.

generators.
being used for the extrapolation calculation. For each non-residential generator, the disposal must be broken out by cubic yard, and roll-off or compactor weights. If disposal was estimated for either disposal-based or employment-based extrapolation methods, please include conversion factor(s) for disposal and the source for conversion factor(s). Please provide an explanation as to how the conversion factor(s) is (are) appropriate for your jurisdiction e.g., "Study was conducted to determine average weights using hauler weight tickets."

Type of Non-Residential Generator	Audit Reference Number	Specific Diversion Activities Including Material Type (e.g. paper recycling, grasscycling) (List activities on one line)	Number of Employees	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other _____
Construction Clean-up/ Woodwaste/Greenwaste mulching operation	1	Woodwaste mulching Clean-up of construction sites and recycle stucco, concrete and ceramic tiles	40	0	6750	2966	9715.5		O
Office Furniture Manufacturer	2	OCC recycling Paper recycling Plastic recycling Metal recycling Wood recycling Fabric recycling Repair/Resale	600	16	1978	819	2811.04		O
Golf Course	3	Grasscycling	65	1280	1	500	1781.16		O
Office Equipment Manufacturer	4	Cooking oil/grease recycling OCC recycling Paper recycling Plastic recycling Metal recycling Glass recycling Foam recycling Repair/Resale	250	0	1091	0	1091.11		O
Printing Company	5	Paper-recycling	125	0	1061	0	1061.15		O
Plastic Bag Manufacturer	6	OCC recycling Plastic recycling OCC recycling	100	0	1043	0	1043.39		O

Wholesale Goods	7 OCC recycling Reuse OCC Donation of food products Metal recycling	125	281	614	0	895.67	0
Computer & Peripherals Manufacturer	8 OCC recycling Paper recycling	100	0	492	0	492.02	0
Electronics Manufacturer	9 OCC recycling Paper recycling	85	0	430	0	429.6	0
Post Office	10 OCC recycling Paper recycling	120	0	340	0	339.768	0
Totals		1610	1577	13798	4285	19660	

Summarize the non-residential diversion activities for the top 10 generators quantification methodology and applicable conversion factors and sources (e.g., cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business).

Each non-residential generator was surveyed at their place of business. Wherever possible weight tickets or recycling company records were used to determine diversion. In instances where no records were available, we primarily used conversion factors contained in the CIWMB's diversion study guide. In instances where there was no applicable conversion factors available, we used an estimate provided by the company (noted as such in Attachment 1 and on survey forms). We worked with personnel familiar with recycling and other diversion activities to establish a conservative volume estimates for each material.

10. On a separate sheet of paper, "marked Attachment 10," provide the following information for each diversion program listed in Section 8 that was extrapolated from representative sampling. **Note:** *Do not include non-respondents in extrapolation because there is no data from the non-respondents. Extrapolate from survey respondents.*

A. Describe sampling method, including:

- Type of sampling method (for either stratified or cluster sampling, provide detailed information on how strata and clusters were collected)
- Total number of samples included in the survey
- Number of non-respondents and respondents
- Total population
- Source for identifying population (e.g., city business licenses, commercial database, resident's addresses, etc)

- Relation of sample size to total population
- Survey data collection tool(s) and approaches
- Confidence level and margin of error for the sampled population
- Unusual outliers and exceptional anomalies describe in detail.

Note: *Outliers (specific generators which fall significantly above or below others) should be removed from base amount prior to extrapolation)*

B. Describe the methods used to prevent double-counting between the surveys and the reported tonnages from haulers, recyclers, materials recycling facilities and composters.

C. Describe extrapolation method, including:

- Basis of extrapolation
- Why this extrapolation method is appropriate
- Sources of information used for extrapolation, such as disposal or employment
- Include all calculations

11. For each restricted waste type (i.e., agricultural waste, inert solids [e.g., concrete, asphalt, dirt etc.] scrap metals, and white goods [PRC section 41781.2]) and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

Note: program name refers to one specific diversion program for that waste type (e.g., "diversion conducted by city public waste department.")

Restricted Waste Type	Specific Program Name	Year Started	Tonnage
Pull Down for Waste Types ▼	Concrete, stucco and ceramic tile diversion at construction sites cond	1999	6750
Pull Down for Waste Types ▼	Concrete, stucco and ceramic tile diversion at construction sites cond	1995	2000
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			

b. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board - on a separate sheet marked "Attachment 11b," give the program and waste type, and provide documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. **Note:** this criterion is applicable to the entire jurisdiction, not to individual programs (PRC sec. 41781.2 [c] [2]). Please include documentation.
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 11b for that waste type and program.

Instead, please provide date of Board approval of previous submitted information.) _____ (Date)

If documentation is not available, go to 11d.

c. If the diversion program started before January 1, 1990, and the documentation requested in 11b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Diversion Tonnage
Inert Solids ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		

d. If the diversion program started before January 1, 1990, and the documentation requested in 11b is not available, please complete the table below for each program claimed. **Note:** Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Tonnage	1990 Diversion Tonnage	Difference
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				

		Recycling	Cardboard	12 cubic yards weekly X 52 X 50.05 lbs. per cubic yard = 31,231.20 lbs./yr - source: USEPA 3 pallets per week X 52 X 71 lbs per pallet = 11,076 lbs./yr - source: USEPA	0.00	15.82	0.00
		Recycling	Wood	N/A - company provided data 3 cubic yards every two weeks X 26 X 50.08 lbs. per cubic yard = 3,506.24 lbs./yr - source: USEPA	0.00	5.54	0.00
6	Manufacturer	Recycling Recycling	Plastic Cardboard	3 cubic yards twice monthly X 2 X 12 X 40 lbs. ea. = 2,880 lbs./yr - source: company estimate of cubic yard weight	0.00	1040.00 1.96	0.00 0.00
7	Retailer	Recycling Recycling	Cardboard Metal	N/A - company provided data Company estimates one pound of aluminum can recycling per day X 365 = 365 lbs./yr	0.00	614.25 0.18	0.00 0.00
		Source Reduction	Food Waste	Company estimates 300 lbs. per week of bakery item donations X 52 = 15,600 lbs./yr	7.80	0.00	0.00
		Source Reduction	Cardboard	30 cubic yards of cardboard box reuse per day X 365 X 50.08 lbs. per cubic yard = 546,873.60 lbs./yr - source: USEPA	273.44	0.00	0.00
8	Manufacturer	Recycling	Cardboard	40 cubic yards monthly X 12 X 50.08 lbs. per cubic yard = 24,038.40 lbs./yr - source: USEPA	0.00	12.02	0.00
9	Property Management	Recycling Recycling	Paper Cardboard	N/A - company provided data 40 cubic yards weekly X 52 X 50.08 lbs. per cubic yard = 104,166.40 lbs./yr - source: USEPA	0.00 0.00	480.00 52.08	0.00 0.00
		Recycling	Paper	40 cubic yards weekly X 52 X 343 lbs. per cubic yard = 755,040 lbs./yr - source: USEPA	0.00	377.52	0.00
10	Institutional	Recycling	Paper	6 cubic yards twice weekly X 2 X 52 X 383 lbs. per cubic yard = 679,536 lbs./yr - source: USEPA	0.00	339.77	0.00
11	Wholesaler	Recycling	Cardboard	3 cubic yards weekly X 52 X 50.08 lbs. per cubic yard = 7,812.48 lbs./yr - source: USEPA	0.00	3.81	0.00
12	Manufacturer	Recycling Recycling	Paper Cardboard	N/A - company provided data 30 cubic yards weekly X 52 X 90.08 lbs. per cubic yard = 76,078 lbs./yr - source: USEPA	0.00 0.00	6.84 39.04	0.00 0.00
		Recycling	Metal	Refrs and furniture recycled - company provided data	0.00	7.11	0.00
13	Manufacturer	Recycling Recycling	Plastic Metal	N/A - company provided data 25 pump motors per day X 5 X 62 weeks X 25 lbs. ea = 150,000 lbs./yr - source: company estimate - Started in 7	0.00 0.00	4.73 0.00	0.00 0.00
		Recycling	Wood	5 pallets per week X 52 X 71 lbs. ea. = 19,460 lbs./yr - source: USEPA	0.00	9.23	0.00
		Recycling	Cardboard	3 cubic yards weekly X 52 X 50.08 lbs. per cubic yard = 7,807.80 lbs./yr - source: USEPA	0.00	3.80	0.00

14	Retailer	Recycling	Paper	3 cubic yards (white ledger) weekly X 52 X 400 lbs. per cubic yard = 62,400 lbs./yr - source: USEPA	0.00	31.20	0.00
		Recycling	Metal	50 aluminum cans per day X 260 days = 13,000 / 26 cans per lb. = 500 lbs./yr - source: USEPA	0.00	0.25	0.00
15	Moving & Storage	Recycling	Paper	15, 20-gallon containers weekly X 52 X 0.77 lbs. per gallon = 12,012 lbs./yr - source: USEPA	0.00	6.01	0.00
		Recycling	Cardboard	120 cubic yards weekly X 52 X 60.08 lbs. per cubic yard = 372,489.20 lbs./yr - source: USEPA	0.00	156.25	0.00
		Recycling	Paper	2, 30 cubic-yard compactors monthly X 12 X 6.60 tons ea. = 132 tons/yr - source: company provided estimate	0.00	132.00	0.00
		Recycling	Wood	5,000 lbs. of wooden crates per month X 12 = 60,000 lbs./yr - source: company provided estimate	0.00	30.00	0.00
16	Healthcare	Recycling	Paper	6, 52-gallon containers monthly X 12 X 0.77 lbs. per gallon = 1,774.08 lbs./yr - source: USEPA	0.00	0.89	0.00
		Recycling	Paper	10, 25-gallon containers monthly X 12 X 0.77 lbs. per cubic yard = 2,310 lbs./yr - source: USEPA	0.00	2.05	0.00
		Recycling	Cardboard	3 cubic yard weekly X 52 X 60.08 lbs. per cubic yard = 7,812.48 lbs./yr - source: USEPA	0.00	3.91	0.00
17	Manufacturer	Recycling	Paper	30 containers @ 60 lbs. ea monthly X 12 = 28,800 lbs./yr - source: company provided estimate	0.00	14.40	0.00
		Recycling	Cardboard	3, 1,000 lbs. bales weekly X 52 = 156,000 lbs./yr - source: company provided estimate	0.00	78.00	0.00
		Recycling	Metal	N/A - company provided data - Program started in ?	0.00	0.00	0.00
		Recycling	Plastic	N/A - company provided data	0.00	4.20	0.00
		Recycling	Metal	100 lbs. every two weeks X 26 = 2,600 lbs./yr - source: company provided data	0.00	1.30	0.00
		Recycling	Wood	15 pallets recycled weekly X 52 X 58.05 lbs. ea. = 38,039 lbs./yr - source USEPA	0.00	19.52	0.00
18	Manufacturer	Recycling	Wood	40 pallets recycled annually X 50.05 lbs ea. = 2,002 lbs./yr - source: USEPA	0.00	1.00	0.00
		Recycling	Cardboard	N/A - company provided data	0.00	0.05	0.00
19	Manufacturer	Recycling	Cardboard	2.5, 40-cubic-yard containers monthly X 12 X 58.08 lbs. per cubic yard = 60,066 lbs./yr - source: USEPA	0.00	30.05	0.00
20	Retailer	Recycling	Cardboard	2, 400 lb. bales weekly X 52 = 65,280 lbs./yr - source: company provided estimate	0.00	41.90	0.00
		Recycling	Paper	60 gallons of shredded paper weekly X 52 X 0.2424 lbs. per gallon = 758.36 lbs./yr - source: USEPA	0.00	0.38	0.00

		Recycling	Metal	50 aluminum cans daily X 260 days = 13,000 / 26 cans per lb. = 500 lbs./yr. - source: USEPA	0.00	0.25	0.00
		Recycling	Plastic	25 beverage containers daily X 280 X 0.08 lbs. ea. = 325 lbs./yr. - source: USEPA	0.00	0.16	0.00
21	Screenprinting	Recycling Recycling	Plastic Cardboard	N/A - company provided data 3 cubic yards monthly X 12 X 50.08 lbs. per cubic yard = 1,802.88 lbs./yr. - source: USEPA	0.00 0.00	6.00 0.90	0.00 0.00
		Recycling	Paper	33-gallons every two weeks X 26 X 25.41 lbs. per container = 680.66 lbs./yr. - source: USEPA	0.00	0.33	0.00
22	Food Service	Recycling	Cardboard	3 cubic yards daily X 260 days X 60.08 lbs. per cubic yard = 39,062.40 lbs./yr. - source: USEPA	0.00	19.53	0.00
		Recycling	Wood	10 pallets recycled per week X 52 X 40 lbs. ea. = 20,800 lbs./yr. - source: company provided estimate	0.00	10.40	0.00
		Recycling	Plastic	3 cubic yards weekly X 52 X 21.78 lbs. per cubic yard = 3,394.56 lbs./yr. - source: USEPA	0.00	1.70	0.00
23	Service	Recycling	Wood	15 pallets recycled monthly X 12 X 50.08 lbs. ea. = 760.75 lbs./yr. - source: USEPA	0.00	0.38	0.00
		Recycling Recycling	Cardboard Paper	N/A - company provided data 3 cubic yards monthly X 12 X 393.90 lbs. per cubic yard = 13,068 lbs./yr. - source: USEPA	0.00 0.00	0.08 6.34	0.00 0.00
26	Manufacturer	Recycling Recycling	Paper Cardboard	N/A - company provided data 2, 3-cubic yard bins daily X 260 days X 50.08 lbs. per cubic yard - 78,124.80 lbs./yr. - source: USEPA	0.00 0.00	32.50 39.06	0.00 0.00
		Recycling	Metal	35 aluminum cans daily X 260 days = 9,100 cans / 28 cans per lb. = 350 lbs./yr. - source: USEPA	0.00	0.16	0.00
28	Printer	Recycling Recycling Recycling	Cardboard Paper Wood	N/A - company provided data N/A - company provided data 6 pallets recycled per month X 12 X 40 lbs. ea. = 2,400 lbs./yr. - source: company provided estimate	0.00 0.00 0.00	5.00 15.00 1.20	0.00 0.00 0.00
27	Electronics	Recycling	Cardboard	40 cubic yards every two months (flattened & compressed) X 6 X 90 lbs. per cubic yard = 21,600 lbs./yr. - source: company provided estimate	0.00	10.80	0.00
		Recycling	Paper	300 gallons weekly X 52 X 0.77 lbs. per gallon = 12,012 lbs./yr. - source: USEPA	0.00	6.01	0.00
		Recycling	Metal	250 aluminum cans per week X 52 = 13,000 cans / 26 cans per lb. = 500 lbs./yr. - source: USEPA	0.00	0.25	0.00
		Recycling	Plastic	175 beverage containers per week X 52 X 0.06 lbs. ea. = 466 lbs./yr. - source: USEPA	0.00	0.23	0.00

28	Health Care	Recycling	Cardboard	20 cubic yards weekly X 52 X 60.08 lbs. per cubic yard = 52,083.20 lbs./yr - source: USEPA	0.00	26.04	0.00
		Recycling	Paper	33 gallons of shredded paper every 2 months X 6 X 8 lbs. ea = 48 lbs./yr - source: USEPA	0.00	0.02	0.00
		Recycling	Paper	55 gallons every 6 weeks X 9.33 X 42.35 lbs. ea = 2,371.60 lbs./yr - source: USEPA	0.00	1.19	0.00
29	Manufacturer	Recycling	Wood	8 pallets per month X 12 X 50.95 lbs. ea = 400.40 lbs./yr - source: USEPA	0.00	2.40	0.00
30	Manufacturer	Source Reduction	Cardboard	Reuse of 2 cubic yard daily X 260 X 60.08 lbs. per cubic yard = 26,041.60 lbs./yr - source: USEPA	13.02	0.00	0.00
		Recycling	Wood	5 pallets monthly X 12 X 40 lbs. ea = 2,400 lbs./yr - source: company estimate	0.00	1.20	0.00
		Recycling	Metal	100 aluminum cans daily X 260 = 26,000 cans / 26 cans per lb. = 1,000 lbs./yr - source: USEPA	0.00	0.50	0.00
		Recycling	Paper	3 cubic yards monthly X 12 X 363.50 lbs. per cubic yard = 13,086 lbs./yr - source: USEPA	0.00	6.54	0.00
31	IBA Sterigenics	Recycling	Metal	20 aluminum cans daily X 260 = 6,200 cans / 26 can per lb. = 200 lbs./yr - source: USEPA	0.00	0.10	0.00
		Recycling	Cardboard	3 cubic yards weekly X 52 X 60.08 lbs. per cubic yard = 7,812.48 lbs./yr - source: USEPA	0.00	3.91	0.00
32	Food Service	Source Reduction	Cardboard	3 cubic yards weekly X 52 X 60.08 lbs. per cubic yard = 7,812.48 lbs./yr - source: USEPA	3.91	0.00	0.00
		Recycling	Wood	29 pallets @ 1 1/2 cubic yards every two months X 6 X 90 lbs. per cubic yard = 23,490 lbs./yr - source: USEPA	0.00	11.75	0.00
33	Food Service	Recycling	Paper	2, 55-gallon drums every 3 months X 4 X 42.35 lbs. ea = 338.60 lbs./yr	0.00	0.17	0.00
		Recycling	Metal	15 aluminum cans daily X 21.65 days per month X 12 = 3897 cans / 26 cans per lb. = 149.88 lbs./yr - source: USEPA	0.00	0.87	0.00
		Recycling	Plastic	5 beverage containers daily X 21.65 days per month X 12 X 0.05 lbs. ea = 64.95 lbs./yr - source: USEPA	0.00	0.03	0.00
34	Manufacturer	Recycling	Paper	3 cubic yards weekly X 52 X 363.50 lbs. per cubic yard = 56,706 lbs./yr - source: USEPA	0.00	28.35	0.00
		Recycling	Cardboard	1.5 cubic yards weekly X 52 X 60.08 lbs. per cubic yard = 3,866.24 lbs./yr - source: USEPA	0.00	1.95	0.00
35	Manufacturer	Recycling	Wood	10 pallets per year X 40 lbs ea = 400 lbs./yr - source: company estimate	0.00	0.20	0.00
		Recycling	Cardboard	30 cubic yards per year X 50.08 lbs. per cubic yard = 1,502.40 lbs./yr - source: USEPA	0.00	0.75	0.00

36	Retailer	Recycling	Cardboard	3 cubic yards weekly X 52 X 50.08 lbs. per cubic yard = 7,812.46 lbs./yr - source: USEPA	0.00	3.91	0.00
37	Retailer	Recycling	Cardboard	2 bales per week X 52 X 500 lbs. ea = 52,000 lbs./yr - source: company estimate	0.00	26.00	0.00
38	Office	Recycling	Paper	18 cubic yards weekly X 52 X 363 lbs. per cubic yard = 339,768 lbs./yr - source: USEPA	0.00	169.68	0.00
		Recycling	Metal	100 lbs. of aluminum cans every 3 months X 4 = 400 lbs./yr	0.00	0.20	0.00
		Recycling	Cardboard	1 cubic yard every 2 months X 6 X 50.08 lbs. per cubic yard = 300.48 lbs./yr - source: USEPA	0.00	0.15	0.00
		Recycling	Plastic	50 toner cartridges per month X 12 X 2.5 lbs. ea. = 1,500 lbs./yr - source: USEPA	0.00	0.75	0.00
39	Office	Recycling	Paper	N/A - company provided data	0.00	216.80	0.00
		Recycling	Metal	N/A - company provided data - Date program started?	0.00	0.00	0.00
		Composting	Green waste	Tonnage is included in "Industrial Green Waste Study" and not included herein.	0.00	0.00	0.00
40	Distributors	Recycling	Plastic	N/A - company provided data	0.00	15.00	0.00
		Recycling	Cardboard	N/A - company provided data	0.00	24.00	0.00
		Recycling	Paper	N/A - company provided data	0.00	4.50	0.00
		Recycling	Wood	80 damage pallets per month X 12 X 50.05 lbs. ea = 36,036 lbs./yr - source: USEPA	0.00	18.02	0.00
41	Manufacturer	Recycling	Wood	40 cubic yards every two weeks X 26 X 440 lbs. per cubic yard = 457,600 lbs./yr - source: company provided data	0.00	228.80	0.00
42	Manufacturer	Recycling	Cardboard	6 cubic yards weekly X 52 X 50.06 lbs. per cubic yard = 15,824.96 lbs./yr - source: USEPA	0.00	7.81	0.00
		Recycling	Paper	3 cubic yards every two weeks X 26 X 363.50 lbs. per cubic yard = 28,363 lbs./yr - source: USEPA	0.00	14.18	0.00
		Recycling	Fabric	30, 32 gallon bags (estimated @ 9 cubic yards) X 225 lbs. per cubic yard = 2,025 lbs./yr - source: USEPA	0.00	1.01	0.00
43	Property Management	Recycling	Paper	3 cubic yards every two weeks X 26 X 363.50 lbs. per cubic yard = 58,629 lbs./yr - source: USEPA	0.00	28.31	0.00
		Recycling	Paper	3 cubic yards per week X 52 X 400 lbs. per cubic yard = 62,400 lbs./yr - source: USEPA	0.00	37.20	0.00
		Recycling	Wood	16 pallets recycled per month X 12 X 50.06 lbs. ea = 9,859 lbs./yr - source: USEPA	0.00	4.50	0.00
		Recycling	Cardboard	6 cubic yards monthly X 12 X 50.06 lbs. per cubic yard = 3,605.76 lbs./yr - source: USEPA	0.00	1.80	0.00

44	Health Care	Recycling	Plastic	6 cubic yards weekly X 52 X 6.27 lbs. per cubic yard = 1,956.24 lbs./yr - source: USEPA	0.00	0.89	0.00
45	Health Care	Recycling	Paper	3 cubic yards weekly X 52 X 400 lbs. per cubic yard = 62,400 lbs./yr - source: USEPA	0.00	31.20	0.00
46	Manufacturer	Recycling	Paper	8 cubic yards weekly X 52 X 363 lbs. per cubic yard = 113,256 lbs./yr - source: USEPA	0.00	56.63	0.00
		Recycling	Cardboard	9 cubic yards per week X 52 X 60.06 lbs. per cubic yard = 23,427.44 lbs./yr - source: USEPA	0.00	11.72	0.00
		Recycling	Wood	12 broken pallets per day X 312 days X 40 lbs. ea = 149,760 lbs./yr - source: company estimate	0.00	74.88	0.00
		Recycling	Plastic	20 plastic buckets per day X 312 days X 1.9 lbs ea = 11,856 lbs./yr - source: USEPA	0.00	5.93	0.00
47	Media	Recycling	Cardboard	3 cubic yards weekly X 52 X 50.08 lbs. per cubic yard = 7,812.48 lbs./yr - source: USEPA	0.00	3.91	0.00
		Recycling	Paper	6 cubic yards per quarter X 4 X 400 lbs. per cubic yard = 9,600 lbs./yr - source: USEPA	0.00	4.80	0.00
48	Property Management	Recycling	Metal	12,000 aluminum cans per year / 26 cans per lb. = 461.54 lbs./yr - source: USEPA	0.00	0.23	0.00
		Recycling	Wood	35 pallets recycled per week X 52 X 50 lbs. ea. = 91,000 lbs./yr - source: USEPA	0.00	45.50	0.00
49	Office	Recycling	Cardboard	N/A - company provided data	0.00	266.66	0.00
		Recycling	Wood	100 broken pallets per month X 12 X 40 lbs. ea = 48,000 lbs./yr - source: company estimate	0.00	24.00	0.00
		Recycling	Plastic	25 toner cartridges per month X 12 X 2.5 lbs. ea. = 750 lbs./yr - source: USEPA	0.00	0.36	0.00
50	Property Management	Recycling	Cardboard	3 cubic yards monthly X 12 X 50.08 lbs. per cubic yard = 1,352.16 lbs./yr - source: USEPA	0.00	0.68	0.00
		Recycling	Paper	20, 33-gallon containers monthly X 12 X 25.41 lbs. ea = 6,098.40 lbs./yr - source: USEPA	0.00	3.05	0.00
51	Manufacturer	Recycling	Wood	10 cubic yards monthly X 12 X 129 lbs. per cubic yard = 39,480 lbs./yr - source: USEPA	0.00	19.74	0.00
		Recycling	Cardboard	5 cubic yards monthly X 12 X 60.06 lbs. per cubic yard = 3,604.80 lbs./yr - source: USEPA	0.00	1.50	0.00
		Recycling	Wood	46 cubic yards every 2 months X 6 X 329 lbs. per cubic yard = 73,960 lbs./yr - source: USEPA	0.00	39.46	0.00
		Recycling	Paper	6, 55-gallon drums monthly X 12 X 42.35 lbs. ea = 3,049.20 lbs./yr - source: USEPA	0.00	1.52	0.00
		Recycling	Metal	1 lb per day X 260 = 260 lbs./yr	0.00	0.13	0.00

52	Manufacturer	Recycling	Cardboard	40 cubic yards weekly X 52 X 50.08 lbs. per cubic yard = 104,166.40 lbs./yr - source: USEPA	0.00	62.08	0.00
		Recycling	Plastic	N/A - company provided data	0.00	32.50	0.00
		Recycling	Metal	50 aluminum cans daily X 260 days = 13,000 / 28 cans per lb. = 500 lbs./yr - source: USEPA	0.00	0.26	0.00
53	Retailer	Recycling	Cardboard	1 bale daily X 365 X 600 lbs. = 219,000 lbs./yr - source: company estimate	0.00	109.50	0.00
		Recycling	Plastics	2 cubic yards per week X 52 X 22.55 lbs. per cubic yard = 2,345.20 lbs./yr - source: USEPA	0.00	1.17	0.00
		Recycling	Paper	3 cubic yards monthly X 12 X 363.51 lbs. per cubic yard = 13,086.36 lbs./yr - source: USEPA	0.00	6.64	0.00
		Recycling	Meat/Bone	3, 33 gallon containers weekly X 52 X 100 lbs. ea = 15,800 lbs./yr - source: company estimate	0.00	7.60	0.00
		Recycling	Groase	20 gallons weekly X 52 X 7.45 lbs. per gallon = 7,748 lbs./yr - source: USEPA	0.00	3.87	0.00
		Recycling	Product Return	2 pallet loads per month X 12 X 2,000 lbs. ea = 48,000 lbs./yr - source: USEPA	0.00	24.00	0.00
54	Retailer	Recycling	Cardboard	6 bales per week X 52 X 600 lbs. ea = 187,200 lbs. - source: company estimate	0.00	93.60	0.00
		Recycling	Meat/Bone	N/A - Used recycler data	0.00	10.20	0.00
		Recycling	Cardboard	7 bales per week X 52 X 600 lbs. ea = 218,400 lbs./yr - source: company estimate	0.00	109.20	0.00
		Recycling	Meat/Bone	2, 33 gallon containers per week X 52 X 100 lbs. ea = 104,000 lbs./yr - source: company estimate	0.00	5.20	0.00
		Recycling	Groase	20 gallons weekly X 52 X 7.45 lbs. per gallon = 7,748 lbs./yr - source: USEPA	0.00	3.87	0.00
		Recycling	Product Return	1 pallet every 4 months X 3 X 2,000 lbs. ea = 6,000 lbs./yr - source: company estimate	0.00	3.00	0.00
55	Retailer	Recycling	Cardboard	N/A - Used recycler data	0.00	219.34	0.00
		Recycling	Plastics	N/A - Used recycler data	0.00	5.00	0.00
		Recycling	Meat/Bone	N/A - Used recycler data	0.00	21.64	0.00
		Composting	Produce	N/A - Used recycler data	0.00	0.00	109.67
57	Retailer	Recycling	Cardboard	N/A - Used recycler data	0.00	219.34	0.00
		Recycling	Plastics	N/A - Used recycler data	0.00	5.00	0.00
		Recycling	Meat/Bone	N/A - Used recycler data	0.00	21.64	0.00
		Composting	Produce	N/A - Used recycler data	0.00	0.00	109.67
58	Retailer	Recycling	Cardboard	N/A - Used recycler data	0.00	219.34	0.00
		Recycling	Plastics	N/A - Used recycler data	0.00	5.00	0.00
		Recycling	Meat/Bone	N/A - Used recycler data	0.00	21.64	0.00
		Composting	Produce	N/A - Used recycler data	0.00	0.00	109.67
		Composting	Food	N/A - company provided data	0.00	0.00	84.00
59	Retailer	Recycling	Cardboard	N/A - Used recycler data	0.00	219.34	0.00

	Recycling	Plastics	N/A - Used recycler data	0.00	5.00	0.00
	Recycling	Meat/Bone	N/A - Used recycler data	0.00	21.64	0.00
	Composting	Produce	N/A - Used recycler data	0.00	0.00	109.67
	Composting	Food	N/A - company provided data	0.00	0.00	103.00
61	Recycling	Metal	20 aluminum cans daily X 366 = 7,300 cans / 26 cans per lb. = 280,769 lbs./yr - source: USEPA	0.00	0.14	0.00
	Recycling	Plastics	15 beverage containers daily X 365 X 0.05 lbs. ea = 273.75 lbs./yr - source: USEPA	0.00	0.14	0.00
62	Recycling	Cardboard	5 bales per week X 52 X 960 lbs. ea = 247,000 lbs./yr - source: company estimate	0.00	123.50	0.00
	Recycling	Paper	4.5 cubic yards per month X 12 X 363.50 lbs. per cubic yard = 19,602 lbs./yr - source: USEPA	0.00	9.80	0.00
	Source Reduction	Wood	1,000 lbs. monthly X 12 = 12,000 lbs./yr - source: company estimate	6.00	0.00	0.00
	Recycling	Wood	5 pallets per week recycled X 52 X 50.05 lbs. ea = 13,013 lbs./yr - source: USEPA	0.00	6.51	0.00
63	Recycling	White Goods	N/A - company provided data	0.00	42.90	0.00
	Recycling	Wood	20 pallets per week recycled X 52 X 50.05 lbs. ea = 52,062 lbs./yr - source: USEPA	0.00	26.03	0.00
	Recycling	Cardboard	3 bales per week X 52 X 500 lbs. ea = 78,000 lbs./yr - source: company estimate	0.00	39.00	0.00
	Recycling	Grease	16 gallons per week X 52 X 7 lbs. Per gallon = 5,460 lbs./yr - source: USEPA	0.00	2.73	0.00
64	Recycling	Cardboard	13 bales per week X 52 X 800 lbs. ea = 540,800 lbs./yr - source: company estimate	0.00	270.40	0.00
65	Recycling	Cardboard	12 cubic yards per week X 52 X 50.08 lbs. per cubic yard = 31,225.857 lbs./yr - source: USEPA	0.00	15.61	0.00
66	Recycling	OCC	12 cubic yards per week X 52 X 50.08 lbs. per cubic yard = 31,225.857 lbs./yr - source: USEPA	0.00	15.61	0.00
	Recycling	Plastics	5, 33-gallon containers weekly X 52 X 5 lbs. ea = 128,700 lbs./yr - source: USEPA	0.00	64.35	0.00
	Recycling	Plastics	150 hangers per week X 52 X .008 lbs. ea = 624 lbs./yr - source: USEPA	0.00	0.31	0.00
67	Recycling	Cardboard	N/A - Used recycler data	0.00	30.00	0.00
68	Recycling	Cardboard	6 cubic yards weekly X 52 X 50.08 lbs. per cubic yard = 15,824.96 lbs./yr - source: USEPA	0.00	7.61	0.00
69	Recycling	Product Return	N/A - company provided data	0.00	0.20	0.00
	Recycling	Cardboard	2.5 bales per week X 52 X 600 lbs. ea = 65,000 lbs./yr - source: company estimate	0.00	32.50	0.00
	Recycling	Wood	2 pallets recycled per week X 52 X 50.05 lbs. ea = 5,205.20 lbs./yr - source: USEPA	0.00	2.60	0.00
70	Recycling	Cardboard	N/A - company provided data	0.00	180.00	0.00

		Recycling	Metal	55-gallon drum of oil filters every 2 months X 6 X 55 lbs ea = 330 lbs./yr - source: company estimate	0.00	0.17	0.00
80	Auto Service	Recycling	Metal	55-gallon drum of oil filters every month X 12 X 55 lbs ea = 660 lbs./yr - source: company estimate	0.00	0.33	0.00
		Recycling	Batteries	5.5 per every two weeks X 26 X 25 lbs. ea = 3,575 lbs./yr - source: USEPA	0.00	1.79	0.00
		Recycling	Metal	N/A - company provided data - Program started in ?	0.00	0.00	0.00
81	Auto Service	Recycling	Metal	55-gallon drum of oil filters weekly X 52 X 55 lbs. ea = 2,860 lbs./yr - source: USEPA	0.00	1.43	0.00
82	Auto Service	Recycling	Metal	5, 55-gallon drums of oil filters every 2 weeks X 26 X 55 lbs. ea = 7150 lbs./yr - source: USEPA	0.00	3.58	0.00
83	Auto Service	Recycling	Tires	160 weekly X 52 X 20 lbs ea = 167,200 lbs./yr - source: USEPA	0.00	89.60	0.00
		Recycling	Batteries	30 monthly X 12 X 25 lbs. ea = 9,000 lbs./yr - source: USEPA	0.00	4.50	0.00
		Recycling	Metal	2, 55-gallon drums every 2 weeks X 25 X 226.50 lbs. ea = 11,752 lbs./yr - source: USEPA	0.00	5.88	0.00
84	Auto Service	Recycling	Batteries	4 monthly X 12 X 25 lbs. ea = 1,200 lbs./yr - source: USEPA	0.00	0.60	0.00
		Recycling	Metal	10 lbs. of core returns weekly X 52 = 520 lbs./yr	0.00	0.26	0.00
85	Auto Service	Recycling	Batteries	7.5 per month X 12 X 25 lbs. ea = 2,250 lbs./yr - source: USEPA	0.00	1.13	0.00
		Recycling	Metal	55 gallon drum of oil filters every 2.5 months X 4.8 X 55 lbs. ea = 264 lbs./yr - source: USEPA	0.00	0.13	0.00
		Recycling	Tires	12.5 tires monthly X ea X 20 lbs. ea = 3,000 lbs./yr - source: USEPA	0.00	1.50	0.00
86	Auto Service	Recycling	Metal	2, 55-gallon drums monthly X 12 X 226.50 lbs. ea = 5,436 lbs./yr - source: USEPA	0.00	0.00	0.00
		Recycling	Batteries	10 per year @ 25 lbs. ea = 250 lbs./yr - source: USEPA	0.00	0.13	0.00
		Recycling	Tires	120 per week X 52 X 20 lbs. ea = 124,800 lbs./yr - source: USEPA	0.00	62.40	0.00
		Recycling	Batteries	17 monthly X 12 X 25 lbs ea = 6,200 lbs./yr - source: USEPA	0.00	2.55	0.00
		Recycling	Metal	55 gallon drum every 2 weeks X 26 X 226.50 lbs. ea = 5,889 lbs./yr - source: USEPA	0.00	2.94	0.00
88	Auto Service	Recycling	Metal	56 gallon drum every 2 weeks X 26 X 226.50 lbs. ea = 5,889 lbs./yr - source: USEPA	0.00	2.94	0.00
89	Auto Service	Recycling	Tires	200 every 5 months X 2.4 X 20 lbs. ea = 9,600 lbs./yr - source: USEPA	0.00	4.80	0.00
		Recycling	Batteries	20 per month X 12 X 20 lbs. ea = 4,800 lbs. ea - source: company estimate	0.00	2.40	0.00
		Recycling	Metal	25 lbs. of aluminum scrap every quarter X 4 = 100 lbs./yr - Program started ?	0.00	0.05	0.00
		Recycling	Product Return	N/A - company provided data	0.00	12.00	0.00

90	Auto Service	Recycling	Plastic	1 toner cartridge every 2 months X 6 X 2.5 lbs ea = 15 lbs./yr - source: USEPA	0.00	0.01	0.00
		Recycling	Batteries	25 per month X 12 X 20 lbs. ea = 6,000 lbs./yr - source: USEPA	0.00	3.00	0.00
		Recycling	Product Return	N/A - company provided data	0.00	12.00	0.00
91	Auto Service	Recycling	Tires	50 per month X 12 X 20 lbs ea = 120,000 lbs./yr - source: USEPA	0.00	60.00	0.00
		Recycling	Metal	3 cubic yards monthly X 12 X 906 lbs. ea = 32,616 lbs./yr - source: USEPA - Program started ?	0.00	16.31	0.00
		Recycling	Product Return	N/A - company provided data	0.00	6.00	0.00
		Recycling	Batteries	15 per month X 12 X 20 lbs ea = 3,600 lbs./yr - source: USEPA	0.00	1.80	0.00
92	Auto Service	Recycling	Cardboard	6 cubic yards weekly X 52 X 50.08 lbs. per cubic yard = 15,624.96 lbs./yr - source: USEPA	0.00	7.81	0.00
		Recycling	Batteries	40 per month X 12 X 20 lbs ea = 9,600 lbs./yr - source: USEPA	0.00	4.80	0.00
		Recycling	Metal	1 cubic yard per month X 12 X 806 lbs ea = 10,872 lbs./yr - source: USEPA	0.00	5.44	0.00
		Recycling	Tires	400 per month X 12 X 20 lbs. ea = 96,000 lbs./yr - source: USEPA	0.00	48.00	0.00
		Recycling	Product Return	N/A - company provided data	0.00	18.00	0.00
93	Auto Service	Source Reduction	Cardboard	5 cubic yards weekly X 52 X 50.08 lbs. per cubic yard = 13,020.80 lbs./yr - source: USEPA	6.51	0.00	0.00
		Recycling	Product Return	N/A - company provided data	0.00	9.00	0.00
		Source Reduction	Paper	1 cubic yard every 6 months X 2 X 383 lbs ea = 726 lbs./yr - source: USEPA	0.36	0.00	0.00
		Recycling	Paper	N/A - company provided data	0.00	0.06	0.00
94	Auto Service	Recycling	Cardboard	6 cubic yards weekly X 52 X 50.08 lbs. per cubic yard = 15,624.96 lbs./yr - source: USEPA	0.00	7.81	0.00
		Recycling	Tires	36 tires per month X 12 X 20 lbs. ea = 8,400 lbs./yr - source: USEPA	0.00	4.20	0.00
		Recycling	Batteries	20 per month X 12 X 20 lbs. ea = 4,800 lbs. ea - source: company estimate	0.00	2.40	0.00
		Recycling	Metal	2 cubic yards per month X 12 X 906 lbs per cubic yard = 21,744 lbs./yr - source: USEPA - Program started in?	0.00	10.87	0.00
95	Self Storage	Recycling	Product Return	N/A - company provided data	0.00	9.00	0.00
		Source Reduction	Brown Goods	12 sofas @ 114.80 lbs ea = 1,375.20 lbs./yr - source: USEPA	0.69	0.00	0.00
		Source Reduction	Brown Goods	16 mattresses @ 50 lbs ea = 800 lbs./yr - source: USEPA	0.40	0.00	0.00
		Source Reduction	Metal	15 bed frames @ 35 lbs ea = 525 lbs./yr - source: company estimate	0.26	0.00	0.00
		Source Reduction	Clothing	12 cubic yards @ 225 lbs ea = 2,700 lbs./yr - source: USEPA	1.35	0.00	0.00
		Source Reduction	Paper	200 lbs of books and magazines	0.10	0.00	0.00
		Source Reduction	Wood	1,000 lbs. of misc. furniture	0.60	0.00	0.00
96	Retailer	Source Reduction	Cardboard	3 cubic yards every 2 days X 130 X 50.08 lbs. per cubic yard = 19,631.20 lbs./yr - source: USEPA	9.77	0.00	0.00
		Recycling	Wood	3 pellets per month X 12 X 50.05 lbs ea = 1,801.80 lbs./yr - source: USEPA	0.00	0.90	0.00

97	Office	Recycling	Paper	10 gallons monthly X 12 X 0.77 lbs ea = 92.40 lbs./yr - source: USEPA	0.00	0.05	0.00
98	Manufacturer	Recycling	Cardboard	1 cubic yard every 2 months X 6 X 50.08 lbs. per cubic yard = 300.48 lbs./yr - source: USEPA	0.00	0.15	0.00
99	Office	Recycling	Wood	5 pallets recycled per month X 12 X 50.05 ea = 3,003 lbs./yr - source: USEPA	0.00	1.50	0.00
100	Office	Recycling	Plastic	1 toner cartridge per month X 12 X 2.5 lbs ea = 30 lbs./yr - source: USEPA	0.00	0.02	0.00
		Recycling	Metal	30 aluminum cans daily X 260 = 7,800 cans / 26 cans per lb. = 300 lbs./yr - source: USEPA	0.00	0.15	0.00
		Recycling	Plastic	25 beverage containers daily X 260 X .008 lbs. ea = 52 lbs./yr - source: USEPA	0.00	0.03	0.00
		Recycling	Plastic	5 toner cartridges per month X 12 X 2.5 lbs. ea = 150 lbs./yr - source: USEPA	0.00	0.08	0.00
101	Auto Service	Recycling	Paper	110 gallons every 2 months X 6 X 0.77 lbs. per gallon = 508.20 lbs./yr - source: USEPA	0.00	0.25	0.00
		Recycling	Cardboard	3 cubic yards daily X 130 X 50.08 lbs. per cubic yard = 1,953.12 lbs./yr - source: USEPA (note: hauler began recycling a full account in July)	0.00	0.98	0.00
		Recycling	Plastic	3 toner cartridges per year @ 2.5 lbs. ea = 7.5 lbs./yr - source: USEPA	0.00	0.00	0.00
		Recycling	Metal	5 aluminum cans per day X 260 = 1,300 cans / 26 cans per lb. = 50 lbs./yr - source: USEPA	0.00	0.03	0.00
		Recycling	Wood	10 pallets recycled per month X 12 X 50.05 lbs ea = 6,006 lbs./yr - source: USEPA	0.00	3.00	0.00
		Recycling	Vinyl	N/A - company provided data	0.00	10.00	0.00
102	Auto Service	Recycling	Batteries	20 per month X 12 X 25 lbs. ea = 6,000 lbs. ea - source: USEPA	0.00	3.00	0.00
103	Manufacturer	Recycling	Cardboard	2 cubic yards per week X 52 X 50.08 lbs. per cubic yard = 5,208.32 lbs./yr - source: USEPA	0.00	2.60	0.00
104	Manufacturer	Recycling	Paper	2, 33-gallon containers monthly X 12 X 25.41 lbs. ea = 20,124.72 lbs./yr - source: USEPA	0.00	10.06	0.00
		Recycling	Cardboard	3 cubic yards every 3 months X 4 X 50.08 lbs per cubic yard = 800.96 lbs./yr - source: USEPA	0.00	0.30	0.00
105	Manufacturer	Recycling	Cardboard	3 cubic yards weekly X 52 X 50.08 lbs. per cubic yard = 7,812.48 lbs./yr - source: USEPA	0.00	3.91	0.00
106	Engineering	Recycling	Aluminum Cans	10 per day X 260 = 2,600 cans / 26 cans per lb. = 100 lbs./yr - source: USEPA	0.00	0.05	0.00
		Recycling	Metal	3 cubic yards quarterly X 4 X 906 lbs. per cubic yard = 10,872 lbs./yr - source: USEPA - Program started ?	0.00	5.44	0.00
		Recycling	Cardboard	3 cubic yards per month X 12 X 50.08 lbs. per cubic yard = 1,802.88 lbs./yr - source: USEPA	0.00	0.90	0.00

		Recycling	Wood	10 pallets recycled per month X 12 X 50.05 lbs ea = 6,006 lbs./yr - source: USEPA	0.00	3.00	0.00
107	Manufacturer	Recycling	Cardboard	6 cubic yards monthly X 12 X 50.08 lbs. per cubic yard = 3,605.76 lbs./yr - source: USEPA	0.00	1.80	0.00
		Source Reduction	Paper	Company estimates 50 lbs. per year of paper waste reduction through use of internal source reduction measures.	0.03	0.00	0.00
108	Auto Service	Recycling	Metal	100 lbs. per month of aluminum window frames X 12 = 1,200 lbs./yr.	0.00	0.80	0.00
109	Manufacturer	Recycling	Cardboard	1 cubic yard weekly X 52 X 50.08 lbs. per cubic yard = 2,604.16 lbs./yr - source: USEPA	0.00	1.30	0.00
		Recycling	Wood	3 pallets per month X 12 X 50.05 lbs ea = 1,801.80 lbs./yr - source: USEPA	0.00	0.90	0.00
110	Manufacturer	Recycling	Aluminum Cans	10 cans daily X 260 = 2,600 cans / 26 cans per lb. = 100 lbs./yr - source: USEPA	0.00	0.05	0.00
		Recycling	Plastic	6 toner cartridges per year @ 2.5 lbs ea = 15 lbs./yr - source: USEPA	0.00	0.01	0.00
		Source Reduction	Paper	Company estimates 120 lbs. per year of paper waste reduction through use of internal source reduction measures.	0.00	0.06	0.00
111	Retailer	Recycling	Metal	2 cubic yards of defective items monthly X 12 X 806 lbs. per cubic yard = 21,744 lbs./yr - source: USEPA - started in ?	0.00	10.87	0.00
112	Property Management	Composting (Recycling)	Green Waste	N/A - company provided data	0.00	0.00	0.60
		Recycling	Paper	15 gallons per month X 12 X 0.77 lbs. per gallon = 138.60 lbs./yr - source: USEPA	0.00	0.69	0.00
113	Landscaper	Composting	Green Waste	3 cubic yards monthly X 12 X 108 lbs per cubic yard = 3,888 lbs./yr - source: USEPA	0.00	0.00	1.94
114	Property Management	Recycling	Metal	5 aluminum cans per day X 260 = 1,300 cans / 26 cans per lb. = 50 lbs./yr - source: USEPA	0.00	0.25	0.00
115	Property Management	Recycling	Cardboard	3 cubic yards per week X 52 X 50.08 lbs. per cubic yard = 7,812.48 lbs./yr - source: USEPA	0.00	3.91	0.00
116	Office	Recycling	Paper	3 cubic yards monthly X 12 X 363 lbs per cubic yard = 13,068 lbs./yr - source: USEPA	0.00	6.53	0.00
117	Office	Recycling	Metal	16 aluminum cans daily X 260 = 3,900 cans / 26 cans per lb. = 150 lbs./yr - source: USEPA	0.00	0.08	0.00
		Recycling	Cardboard	3 cubic yards per month X 12 X 50.08 lbs. per cubic yard = 1,802.88 lbs./yr - source: USEPA	0.00	0.90	0.00
118	Office	Recycling	Cardboard	6 cubic yards weekly X 52 X 50.08 lbs. per cubic yard = 31,248.92 lbs./yr - source: USEPA	0.00	15.62	0.00
		Recycling	paper	18 cubic yards weekly X 52 X 363 lbs. per cubic yard = 339,768 lbs./yr - source: USEPA	0.00	168.85	0.00

		Recycling	Metal	60 aluminum cans weekly X 52 = 3,120 cans / 28 cans per lb. = 120 lbs./yr - source: USEPA	0.00	0.06	0.00
		Recycling	Wood	30 pallets recycled weekly X 52 X 50.05 lbs. ea = 78,078 lbs./yr - source: USEPA	0.00	38.04	0.00
118	Retailer	Recycling	Grease	80 gallons every 2 weeks X 26 X 7lbs per gallon = 14,560 lbs./yr - source: USEPA	0.00	7.28	0.00
		Recycling	Cardboard	6 cubic yards per month X 12 X 50.08 lbs. per cubic yard = 3,605.76 lbs./yr - source: USEPA	0.00	1.80	0.00
120	Property Management	Recycling	Cardboard	12 cubic yards @ 50.08 lbs ea = 600.96 lbs./yr - source: USEPA	0.00	0.30	0.00
		Recycling	Plastic	4 toner cartridges per month X 12 X 2.5 lbs. ea = 120 lbs./yr - source: USEPA	0.00	0.06	0.00
121	Manufacturer	Recycling	Paper	20, 10-gallon containers per month X 12 X 0.77 lbs. per gallon = 1,848 lbs./yr - source: USEPA	0.00	0.92	0.00
		Recycling	Metal	3 cubic yards per month X 12 X 506 lbs. per cubic yard = 10,872 lbs./yr - source: USEPA - program started ?	0.00	5.44	0.00
122	Manufacturer	Source Reduction	Cardboard	3 cubic yards weekly X 52 X 50.08 lbs. per cubic yard = 7,812.48 lbs./yr - source: USEPA	0.00	3.91	0.00
123	Manufacturer	Recycling	Metal	3 aluminum cans daily X 260 = 780 cans / 28 cans per lb. = 30 lbs./yr - source: USEPA	0.00	0.02	0.00
		Recycling	Paper	33 gallons twice monthly X 12 X 25.41 lbs ea = 609.84 lbs./yr - source: USEPA	0.00	0.30	0.00
		Recycling	Plastic	1 toner cartridge per week X 52 X 2.5 lbs. ea = 130 lbs./yr - source: USEPA	0.00	0.07	0.00
124	Office	Recycling	Wood	5 pallets recycled per month X 12 X 50.06 lbs ea = 3,003 lbs./yr - source: USEPA	0.00	1.50	0.00
		Recycling	Metal	500 lbs. of copper cable per month X 12 = 6,000 lbs. - Program started ?	0.00	3.00	0.00
126	Manufacturer	Recycling	Metal	N/A - company provided data - Program started ?	0.00	1.01	0.00
		Recycling	Wood	3 large pallets recycled monthly X 12 X 70 lbs ea = 2,520 lbs./yr - source: company estimate	0.00	1.28	0.00
128	Auto Service	Recycling	Metal	2 mufflers/converters daily X 350 X 10 lbs ea = 7,000 lbs./yr - source: company estimate	0.00	3.50	0.00
127	Auto Service	Recycling	Wood	20 pallets recycled monthly X 12 X 50.05 lbs. ea = 12,012 lbs./yr - source: USEPA	0.00	6.00	0.00
		Recycling	Cardboard	3 cubic yards daily X 260 X 50.08 lbs. per cubic yard = 39,062.40 lbs./yr - source: USEPA	0.00	19.53	0.00
		Recycling	Metal	N/A - company provided data - Program started ?	0.00	12.00	0.00

128	Service	Recycling	Plastic	200 water containers every 6 months X 1.5 lbs ea = 600 lbs./yr - source: company estimate	0.00	0.30	0.00
129	Property Management	Source Reduction	Clothing	1 cubic yard weekly X 52 X 225 lbs. per cubic yard = 11,700 lbs./yr - source: USEPA	5.85	0.00	0.00
		Source Reduction	Food	100 lbs weekly X 12 = 5,200 lbs.	2.60	0.00	0.00
		Source Reduction	Cardboard	Reuse 50 lbs weekly X 52 = 2,600 lbs./yr	1.30	0.00	0.00
130	Manufacturer	Recycling	Metal	Defective aluminum rims recycled 12 monthly X 12 X 24 lbs. ea = 3,466 lbs./yr - source: company estimate	0.00	1.73	0.00
131	Office	Recycling	Cardboard	20 gaylord boxes per month X 12 X 20 lbs. ea = 4,800 lbs./yr - source: company estimate	0.00	2.40	0.00
132	Manufacturer	Recycling	Metal	40 cubic yards per quarter X 4 X 936 lbs per cubic yard = 149,760 lbs/yr - source: USEPA - Program started in	0.00	74.86	0.00
		Recycling	Cardboard	3 cubic yards quarterly X 4 X 400 lbs. per cubic yard = 4,800 lbs./yr - source: USEPA	0.00	2.40	0.00
		Recycling	Paper	3 cubic yards quarterly X 4 X 363 lbs. per cubic yard = 4,356 lbs./yr - source: USEPA	0.00	2.18	0.00
133	Manufacturer	Recycling	Cardboard	3 cubic yards weekly X 52 X 50.08 lbs. per cubic yard = 7,812.48 lbs./yr - source: USEPA	0.00	3.91	0.00
134		Recycling	Cardboard	40 cubic yards monthly X 12 X 50.08 lbs. per cubic yard = 24,038.40 lbs./yr - source: USEPA	0.00	12.02	0.00
135	Auto Service	Recycling	Cardboard	3 cubic yards weekly X 52 X 50.08 lbs. per cubic yard = 7,812.48 lbs./yr - source: USEPA	0.00	3.91	0.00
		Recycling	Metal	3 cubic yards of fender & other scrap daily X 300 X 150 per cubic yard = 135,000 lbs./yr - source: company estimate - only some items are steel	0.00	67.50	0.00
136	Storage	Source Reduction	Brown Goods	500 lbs. per auction X 4 units auctioned each year = 2,000 lbs./yr - source: company estimate	1.00	0.00	0.00
137	Office	Recycling	Cardboard	3 cubic yards per week X 52 X 50.08 lbs. per cubic yard = 7,812.48 lbs./yr - source: USEPA	0.00	3.91	0.00
		Recycling	Paper	80 gallons weekly X 52 X 0.77 lbs. per gallon = 3,203 lbs./yr - source: USEPA	0.00	1.60	0.00
		Recycling	Wood	5 pallets recycled weekly X 52 X 50.05 lbs ea = 13,012 lbs./yr - source: USEPA	0.00	6.51	0.00
		Recycling	Metal	MA - company provided data - Program started ?	0.00	74.75	0.00
138	Office	Recycling	Cardboard	3 cubic yards weekly X 52 X 50.08 lbs. per cubic yard = 7,812.48 lbs./yr - source: USEPA	0.00	3.91	0.00

		Recycling	Paper	25 gallons every two weeks X 28 X 0.77 lbs. per gallon = 500.50 lbs./yr - source: USEPA	0.00	0.25	0.00
		Recycling	Metal	150 aluminum cans monthly X 12 = 1,800 cans / 26 cans per lb. = 69.23 lbs./yr - source: USEPA	0.00	0.04	0.00
139	Landscaper	Recycling	Cardboard	1 cubic yard per day X 260 X 50.08 lbs. per cubic yard = 13,020.80 lbs./yr - source: USEPA	0.00	6.51	0.00
140	Manufacturer	Recycling	Cardboard	9 cubic yards weekly X 52 X 50.08 lbs. per cubic yard = 23,437.44 lbs./yr - source: USEPA	0.00	11.72	0.00
		Recycling	Metal	150 aluminum cans daily X 260 = 39,000 cans / 26 cans per lb. = 1,500 lbs./yr - source: USEPA	0.00	0.76	0.00
		Recycling	Paper	7, 33-gallon containers per month X 12 X 25.41 lbs. ea = 5,869.71 lbs./yr - source: USEPA	0.00	2.93	0.00
		Recycling	Metal	N/A - company provided data - precious metal recovery from circuit boards	0.00	0.60	0.00
141	Manufacturer	Recycling	Cardboard	40 cubic yards every 2 months X 6 X 50.08 lbs. per cubic yard = 12,019.20 lbs./yr - source: USEPA	0.00	6.01	0.00
		Recycling	Paper	3 cubic yards per year @ 363 lbs. per cubic yard = 1,089 lbs./yr - source: USEPA	0.00	0.54	0.00
		Recycling	Glass	N/A - company provided data	0.00	0.10	0.00
142	Landscaper	Source Reduction	Cardboard	6 cubic yards weekly X 52 X 50.08 lbs. per cubic yard = 15,624.96 lbs./yr - source: USEPA	0.00	7.61	0.00
		Recycling	Metal	N/A - company provided data for recycling of returned/defective parts	0.00	2.40	0.00
143	Manufacturer	Recycling	Cardboard	90 cubic yards weekly X 52 X 50.06 lbs. per cubic yard = 2,383,322.60 lbs./yr - source: USEPA	0.00	104.17	0.00
		Source Reduction	Wood	10 rebuilt wood crates monthly X 12 X 250 lbs ea = 30,000 lbs./yr - source: company estimate	15.00	0.00	0.00
		Recycling	Plastic	N/A - company provided data	0.00	10.62	0.00
		Recycling	Metal	N/A - company provided data - Program started 7	0.00	18.00	0.00
		Recycling	Paper	60 cubic yards annually X 363 lbs. per cubic yard = 21,780 lbs./yr - source: USEPA	0.00	14.52	0.00
		Recycling	Metal	76 aluminum cans daily X 260 days = 19,500 cans / 26 cans per lb. = 750 lbs./yr - source: USEPA	0.00	0.36	0.00
144	Manufacturer	Recycling	Cardboard	1 cubic yard weekly X 52 X 50.08 lbs. per cubic yard = 2,604.16 lbs./yr - source: USEPA	0.00	1.30	0.00
145	Property Management	Recycling	Cardboard	2 cubic yards daily X 260 X 50.08 lbs. per cubic yard = 26,041.60 lbs./yr - source: USEPA	0.00	13.02	0.00
146	Manufacturer	Recycling	Cardboard	N/A - company provided data	0.00	4.80	0.00

147	Property Management	Recycling	Wood	45 pallets recycled per week X 52 X 50.06 lbs ea = 117,117 lbs./yr - source: USEPA	0.00	59.56	0.00
		Recycling	Cardboard	6 cubic yards weekly X 52 X 50.08 lbs per cubic yard = 15,624.96 lbs./yr - source: USEPA	0.00	7.81	0.00
148	Manufacturer	Recycling	Concrete	N/A - company provided data	0.00	108.00	0.00
		Recycling	Dirt	N/A - company provided data	0.00	50.00	0.00
149	Auto Service	Recycling	Metal	N/A - company provided data - Misc. fenders, bumpers, etc.	0.00	29.00	0.00
		Recycling	Cardboard	6 cubic yards weekly X 52 X 50.08 lbs per cubic yard = 15,624.96 lbs./yr - source: USEPA	0.00	7.81	0.00
		Recycling	Wood	3 pallets per month X 12 X 50.05 lbs ea = 1,801.80 lbs./yr - source: USEPA	0.00	0.90	0.00
150	Manufacturer	Composting	Green Waste	N/A - company provided data	0.00	0.00	13.26
151	Retailer	Recycling	Grease	220 gallons monthly X 12 X 7lbs. Per gallon = 18,480 lbs./yr - source: USEPA	0.00	9.24	0.00
152	Food Services	Recycling	Grease	55 gallons monthly X 12 X 7lbs. Per gallon = 4,620 lbs./yr - source: USEPA	0.00	2.31	0.00
153	Manufacturer	Recycling	Grease	56 gallons every 3 months X 4 X 7lbs. Per gallon = 1,560 lbs./yr - source: USEPA	0.00	0.77	0.00
		Recycling	Plastic	35 buckets monthly X 12 X 1 lb. each = 420 lbs. - source: USEPA	0.00	0.21	0.00
154	Food Services	Recycling	Grease	220 gallons monthly X 12 X 7lbs. Per gallon = 18,480 lbs./yr - source: USEPA	0.00	9.24	0.00
155	Food Services	Recycling	Plastic	N/A - company provided data	0.00	0.21	0.00
		Recycling	Grease	150 gallons monthly X 12 X 7 lbs. per gallon = 12,600 lbs./yr - source: USEPA	0.00	6.30	0.00
		Recycling	Cardboard	6 cubic yards weekly X 52 X 50.08 lbs per cubic yard = 15,624.96 lbs./yr - source: USEPA	0.00	7.81	0.00
156	Food Services	Recycling	Grease	160 gallons monthly X 12 X 7 lbs. per gallon = 12,600 lbs./yr - source: USEPA	0.00	6.30	0.00
		Recycling	Cardboard	6 cubic yards weekly X 52 X 50.08 lbs per cubic yard = 15,624.96 lbs./yr - source: USEPA	0.00	7.81	0.00
157	Food Services	Recycling	Grease	65 gallons weekly X 52 X 7 lbs per gallon = 23,660 lbs./yr - source: USEPA	0.00	11.83	0.00
		Recycling	Cardboard	6 cubic yards weekly X 52 X 50.08 lbs. per cubic yard = 20,683.28 lbs./yr - source: USEPA	0.00	10.42	0.00
158	Food Services	Recycling	Cardboard	6 cubic yards weekly X 52 X 50.08 lbs per cubic yard = 15,624.96 lbs./yr - source: USEPA	0.00	7.81	0.00
		Recycling	Grease	95 gallons weekly X 52 X 7lbs per gallon = 20,120 lbs./yr - source: USEPA	0.00	10.01	0.00
159	Food Services	Recycling	Grease	75 gallons per month X 12 X 7 lbs per gallon = 6,300 lbs./yr - source: USEPA	0.00	3.15	0.00

		Recycling	Cardboard	6 cubic yards monthly X 12 X 50.08 lbs. per cubic yard = 3,605.76 lbs./yr - source: USEPA	0.00	1.80	0.00
160	Food Services	Recycling	Grease	35 gallons weekly X 52 X 7lbs. Per gallon = 12,012 lbs./yr - source: USEPA	0.00	6.01	0.00
		Recycling	Cardboard	6 cubic yards weekly X 52 X 50.08 lbs per cubic yard = 15,624.96 lbs./yr - source: USEPA	0.00	7.81	0.00
161	Food Services	Recycling	Grease	120 gallons monthly X 12 X 7 lbs per gallon = 10,080 lbs./yr - source: USEPA	0.00	5.04	0.00
		Recycling	Cardboard	3 cubic yards weekly X 52 X 50.08 lbs per cubic yard = 7,812.48 lbs./yr - source: USEPA	0.00	3.81	0.00
162	Food Services	Recycling	Grease	55 gallons weekly X 52 X 7lbs per gallon = 20,020 lbs./yr - source: USEPA	0.00	10.01	0.00
		Recycling	Glass	2 cases weekly X 52 X 22 lbs ea = 2,288 lbs./yr - source: USEPA	0.00	1.14	0.00
163	Food Services	Recycling	Cardboard	3 cubic yards weekly X 52 X 50.08 lbs per cubic yard = 7,812.48 lbs./yr - source: USEPA	0.00	3.81	0.00
164	Food Services	Recycling	Grease	225 gallons weekly X 52 X 7 lbs per gallon = 81,900 lbs./yr - source: USEPA	0.00	40.95	0.00
		Recycling	Glass	5 cases weekly X 52 X 22 lbs ea = 6,720 lbs./yr - source: USEPA	0.00	2.88	0.00
165	Food Services	Recycling	Grease	65 gallons weekly X 52 X 7lbs per gallon = 20,020 lbs./yr - source: USEPA	0.00	10.01	0.00
		Recycling	Cardboard	3 cubic yards every 2 weeks X 26 X 50.08 lbs per cubic yard = 3,906.24lbs./yr - source: USEPA	0.00	1.95	0.00
166	Food Services	Recycling	Grease	75 gallons per month X 12 X 7 lbs per gallon = 6,300 lbs./yr - source: USEPA	0.00	3.15	0.00
167	Food Services	Recycling	Grease	25 gallons weekly X 52 X 7 lbs per gallon = 9,100 lbs./yr - source: USEPA	0.00	4.55	0.00
		Recycling	Glass	60 cases weekly X 52 X 22 lbs ea = 68,640 lbs./yr - source: USEPA	0.00	34.32	0.00
168	Food Services	Recycling	Grease	40 gallons weekly X 52 X 7 lbs per gallon = 14,560 lbs./yr - source: USEPA	0.00	7.28	0.00
		Recycling	Cardboard	4.50 compacted cubic yards weekly X 52 X 90 lbs per cubic yard = 21,060 lbs./yr - source: USEPA	0.00	10.53	0.00
		Recycling	Glass	30 wine bottles weekly X 52 X 1.08 lbs ea = 1,797.12lbs./yr - source: USEPA	0.00	0.90	0.00
		Recycling	Glass	65 beer bottles weekly X 52 X .53 ea = 1,791.40 lbs./yr - source: USEPA	0.00	0.90	0.00
169	Food Services	Recycling	Cardboard	3 cubic yards every 2 weeks X 26 X 50.08 lbs per cubic yard = 3,906.24lbs./yr - source: USEPA	0.00	1.95	0.00
		Recycling	Grease	110 gallons monthly X 12 X 7 lbs per gallon = 9,240 lbs./yr - source: USEPA	0.00	4.62	0.00
170	Food Services	Recycling	Grease	40 gallons weekly X 52 X 7 lbs per gallon = 14,560 lbs./yr - source: USEPA	0.00	7.28	0.00
		Recycling	Cardboard	3 cubic yards weekly X 52 X 50.08 lbs per cubic yard = 7,812.48 lbs./yr - source: USEPA	0.00	3.81	0.00

171	Food Services	Recycling	Metal	20 aluminum cans daily X 300 = 6,000 cans / 26 cans per lb. = 230.77 lbs./yr. - source: USEPA 150 gallons weekly X 52 X 7lbs per gallon = 54,600 lbs./yr. - source: USEPA	0.00	0.12	0.00
		Recycling	Grease	3 cubic yards daily X 300 X 50.06 lbs per cubic yard = 54,066.40 lbs./yr. - source: USEPA	0.00	27.30	0.00
172	Food Services	Recycling	Cardboard	150 gallons every 2 weeks X 26 X 7 lbs per gallon = 27,300 lbs/yr. - source: USEPA	0.00	27.04	0.00
		Recycling	Grease	N/A - company provided data	0.00	13.65	0.00
		Recycling	Cardboard	N/A - company provided data	0.00	18.55	0.00
		Recycling	Paper	N/A - company provided data	0.00	7.97	0.00
173	Food Services	Recycling	Grease	90 gallons weekly X 52 X 7 lbs per gallon = 32,760 lbs./yr. - source: USEPA	0.00	16.38	0.00
		Recycling	Cardboard	9 cubic yards per week X 52 X 50.06 lbs per cubic yard = 23,437.44 lbs./yr. - source: USEPA	0.00	11.72	0.00
174	Food Services	Recycling	Grease	300 gallons per month X 12 X 7 lbs per gallon = 25,200 lbs./yr. - source: USEPA	0.00	12.80	0.00
		Recycling	Cardboard	6 cubic yards weekly X 52 X 50.06 lbs per cubic yard = 15,624.96 lbs./yr. - source: USEPA	0.00	7.81	0.00
175	Food Services	Recycling	Grease	70 gallons weekly X 52 X 7 lbs per gallon = 25,480 lbs./yr. - source: USEPA	0.00	12.74	0.00
		Recycling	Cardboard	3 cubic yards every 2 weeks X 26 X 50.06 lbs per cubic yard = 3,906.24 lbs./yr. - source: USEPA	0.00	1.95	0.00
176	Food Services	Recycling	Grease	150 gallons weekly X 52 X 7lbs per gallon = 54,600 lbs./yr. - source: USEPA	0.00	27.30	0.00
177	Food Services	Recycling	Grease	2 cubic yards monthly X 12 X 57 lbs per cubic foot = 12,312 lbs./yr. - source: mathematical conversion to equal USEPA figure of 7 lbs per gallon	0.00	6.16	0.00
178	Food Services	Recycling	Grease	165 gallons per month X 12 X 7 lbs per gallon = 13,860 lbs./yr. - source: USEPA	0.00	6.93	0.00
179	Food Services	Recycling	Cardboard	4 cubic yards weekly X 52 X 50.06 lbs per cubic yard = 10,416.64 lbs./yr. - source: USEPA	0.00	5.21	0.00
		Recycling	Grease	50 gallons monthly X 12 X 7 lbs per gallon = 4,200 lbs./yr. - source: USEPA	0.00	2.10	0.00
180	Food Services	Recycling	Grease	55 gallons every 1 to 2 months X 8 X 7 lbs per gallon = 3,080 lbs./yr. - source: USEPA	0.00	1.54	0.00
		Recycling	Cardboard	8 cubic yards monthly X 12 X 50.06 lbs per cubic yard = 3,605.76 lbs./yr. - source: USEPA	0.00	1.80	0.00
		Recycling	Glass	40 cases monthly X 12 X 22 lbs ea = 10,560 lbs./yr. - source: USEPA	0.00	5.28	0.00
181	Food Services	Recycling	Grease	200 gallons every 2 weeks X 26 X 7 lbs per gallon = 36,400 lbs./yr. - source: USEPA	0.00	18.20	0.00

182	Food Services	Recycling	Glass	22.5 bottles per day X 365 X 1.06 lbs. ea = 6,845.20 lbs./yr. - source: USEPA	0.00	4.42	0.00
		Recycling	Grease	55 gallons every two weeks X 26 X 7 lbs per gallon = 9,240 lbs./yr. - source: USEPA	0.00	4.62	0.00
183	Food Services	Recycling	Cardboard	2 cubic yards per month X 52 X 50.08 lbs. per cubic yard = 5,208 lbs./yr. - source: USEPA	0.00	2.60	0.00
		Recycling	Grease	50 gallons monthly X 12 X 7 lbs per gallon = 4,200 lbs./yr. - source: USEPA	0.00	2.10	0.00
184	Food Services	Recycling	Cardboard	6 cubic yards monthly X 12 X 50.08 lbs. per cubic yard = 3,806.246 lbs./yr. - source: USEPA	0.00	1.95	0.00
		Recycling	Grease	300 gallons per month X 12 X 7 lbs per gallon = 25,200 lbs./yr. - source: USEPA	0.00	12.60	0.00
185	Food Services	Recycling	Grease	55 gallons monthly X 12 X 7lbs. Per gallon = 4,820 lbs./yr. - source: USEPA	0.00	2.31	0.00
186	Food Services	Recycling	Grease	110 gallons monthly X 12 X 7 lbs per gallon = 9,240 lbs./yr. - source: USEPA	0.00	4.62	0.00
		Recycling	Glass	25 cases monthly X 12 X 22 lbs ea = 6,600 lbs./yr. - source: USEPA	0.00	3.30	0.00
187	Food Services	Recycling	Grease	40 gallons weekly X 52 X 7 lbs per gallon = 14,560 lbs./yr. - source: USEPA	0.00	7.28	0.00
188	Food Services	Recycling	Grease	25 gallons weekly X 52 X 7 lbs per gallon = 9,100 lbs./yr. - source: USEPA	0.00	4.55	0.00
189	Food Services	Recycling	Grease	66 gallons weekly X 52 X 7lbs per gallon = 20,020 lbs./yr. - source: USEPA	0.00	10.01	0.00
190	Food Services	Recycling	Grease	40 gallons monthly X 12 X 7 lbs per gallon = 3,360 lbs./yr. - source: USEPA	0.00	1.68	0.00
		Recycling	Cardboard	6 cubic yards weekly X 52 X 50.08 lbs per cubic yard = 13,020.80 lbs./yr. - source: USEPA	0.00	6.51	0.00
		Recycling	Glass	120 bottles weekly X 52 X 1.06 lbs ea = 6,739.20 lbs./yr. - source: USEPA	0.00	3.37	0.00
		Recycling	Glass	168 bottles weekly X 52 X 0.53 lbs ea = 4,630.08 lbs./yr. - source: USEPA	0.00	2.32	0.00
		Recycling	Glass	240 bottles weekly X 52 X 0.53 lbs ea = 6,614.40 lbs./yr. - source: USEPA	0.00	3.31	0.00
		Recycling	Glass	240 bottles weekly X 52 X 0.53 lbs ea = 6,614.40 lbs./yr. - source: USEPA	0.00	3.31	0.00
191	Food Services	Recycling	Grease	110 gallons monthly X 12 X 7 lbs per gallon = 9,240 lbs./yr. - source: USEPA	0.00	4.62	0.00
192	Food Services	Recycling	Grease	100 gallons monthly X 12 X 7 lbs per gallon = 8,400 lbs./yr. - source: USEPA	0.00	4.20	0.00
		Recycling	Cardboard	6 cubic yards weekly X 52 X 50.08 lbs per cubic yard = 15,624.96 lbs./yr. - source: USEPA	0.00	7.81	0.00
193	Food Services	Recycling	Cardboard	N/A - company provided data	0.00	5.21	0.00
194	Food Services	Recycling	Metal	N/A - company provided data	0.00	0.10	0.00
		Recycling	Grease	N/A - company provided data	0.00	22.66	0.00
195	Office	Recycling	Batteries	N/A - company provided data	0.00	0.91	0.00
		Recycling	Paper	1 cubic yard monthly X 12 X 363 lbs per cubic yard = 4,356 lbs./yr. - source: USEPA	0.00	2.18	0.00
196	Retailer	Recycling	Product Returns	N/A - company provided data	0.00	1.30	0.00

197	Retailer	Source Reduction	Plastic	800 hangers weekly X 52 / 5 hangers per pound = 8,320 lbs./yr - source: company estimate	4.16	0.00	0.00
		Recycling	Metal	1 lb of aluminum cans daily X 365 = 365 lbs./yr - source: USEPA	0.00	0.18	0.00
198	Retailer	Source Reduction	Plastic	1,350 hangers per week X 52 / 5 hangers per lb. = 14,040 lbs./yr - source: company estimate	7.02	0.00	0.00
199	Retailer	Source Reduction Recycling	Paper Cardboard	N/A - company provided data 6 cubic yards weekly X 52 X 50.08 lbs per cubic yard = 15,624.96 lbs./yr - source: USEPA	0.04 0.00	0.00 7.81	0.00 0.00
200	Auto Service	Source Reduction	Plastic	3 cubic yards of bubble wrap weekly X 52 X 20 lbs per cubic yard = 3,120 lbs./yr - source: company estimate	1.56	0.00	0.00
		Source Reduction	Plastic	3 cubic yards of Styrofoam daily X 6.27 lbs per cubic yard = 6,583.50 lbs./yr - source: USEPA	3.29	0.00	0.00
		Source Reduction	Cardboard	9 cubic yards weekly X 52 X 50.08 lbs. per cubic yard = 23,437.44 lbs./yr - source: USEPA	11.72	0.00	0.00
201	Retailer	Source Reduction	Cardboard	9 cubic yards weekly X 52 X 50.08 lbs. per cubic yard = 23,437.44 lbs./yr - source: USEPA	11.72	0.00	0.00
		Source Reduction	Plastic	3 cubic yards weekly X 52 X 20 lbs per cubic yard = 3,120 lbs./yr - source: company estimate	1.56	0.00	0.00
202	Retailer	Source Reduction	Plastic	860 hangers weekly X 52 / 5 hangers per lb = 8,940 lbs./yr - source: USEPA	4.42	0.00	0.00
203	Retailer	Source Reduction	Metal	48 hangers per day X 365 / 3 hangers per lb. = 5,475 lbs./yr - source: company estimate	2.74	0.00	0.00
204	Retailer	Source Reduction	Cardboard	3 cubic yards every 2 weeks X 26 X 50.08 lbs. per cubic yard = 3,908.24 lbs./yr - source: USEPA	1.95	0.00	0.00
205	Retailer	Recycling Recycling	Glass Metal	N/A - company provided data 20 aluminum cans daily X 966 / 26 cans per lb = 280.77 lbs./yr - source: USEPA	0.00 0.00	0.15 0.14	0.00 0.00
		Recycling	Cardboard	3 cubic yards per month X 12 X 50.05 lbs. per cubic yard = 1,801.80 lbs./yr - source: USEPA	0.00	0.90	0.00
		Source Reduction	Cardboard	1 cubic yard monthly X 12 X 50.05 lbs per cubic yard = 800.60 lbs./yr - source: USEPA	0.30	0.00	0.00
206	Retailer	Source Reduction	Plastic	2000 hangers weekly X 52 / 5 hangers per lb = 20,800 lbs./yr - source: company estimate	10.40	0.00	0.00
		Recycling	Metal	1 lb of aluminum cans daily X 365 = 365 lbs./yr - source: USEPA	0.00	0.18	0.00
207	Retailer	Recycling	Mattresses	75 monthly X 12 X 75 lbs ea = 67,500 lbs./yr - source: company estimate	0.00	33.75	0.00
208	Retailer	Recycling	Cardboard	6 cubic yards weekly X 52 X 50.08 lbs per cubic yard = 15,624.96 lbs./yr - source: USEPA	0.00	7.81	0.00

209	Retailer	Source Reduction	Plastic	150 hangers per day X 365 / 5 hangers per lb = 10,950 lbs./yr - source: company estimate	5.48	0.00	0.00
		Source Reduction	Plastic	150 product sensors per day X 365 / 7 sensors per lb. = 7,821 lbs./yr - source: company estimate	3.91	0.00	0.00
210	Retailer	Source Reduction	Plastic	20 hangers daily X 365 / 5 hangers per lb = 1,460 lbs./yr - source: company estimate	0.73	0.00	0.00
211	Retailer	Source Reduction	Cardboard	6 cubic yards monthly X 12 X 50.08 lbs per cubic yard = 3,605.76 lbs./yr - source: USEPA	1.80	0.00	0.00
		Source Reduction	Plastic	1 cubic yard of Styrofoam every 2 months X 6 X 6.27 lbs per cubic yard = 37.621 lbs./yr - source: USEPA	0.02	0.00	0.00
		Source Reduction	Plastic	1 cubic yard of bubble wrap every 3 months X 4 X 2.7 lbs per cubic yard = 108 lbs./yr - source: USEPA	0.05	0.00	0.00
212	Retailer	Recycling	Batteries	N/A - company provided data	0.00	0.05	0.00
213	Retailer	Source Reduction	Plastic	4,000 weekly X 52 / 5 hangers per lb = 41,600 lbs./yr - source: company estimate	20.80	0.00	0.00
214	RE	Recycling	Paper	5 gallons weekly X 52 X 0.77 lbs per gallon = 200.20 lbs./yr - source: USEPA	0.00	0.10	0.00
215	Retailer	Recycling	Metal	36 aluminum cans daily X 365 / 26 cans per lb = 505.38 lbs./yr - source: USEPA	0.00	0.25	0.00
		Source Reduction	Plastic	500 hangers daily X 365 / 5 hangers per lb = 36,500 lbs./yr - source: company estimate	18.25	0.00	0.00
216	Retailer	Recycling	Plastic	5,000 CDs monthly X 12 X 0.05 lbs ea = 3,000 lbs./yr - source: company estimate	0.00	1.50	0.00
		Recycling	Paper	N/A - company provided data	0.00	2.60	0.00
		Recycling	Cardboard	N/A - company provided data	0.00	3.90	0.00
		Recycling	Metal	365 lbs of aluminum cans annually	0.00	0.15	0.00
		Source Reduction	Plastic	1,000 hangers per week X 52 / 5 hangers per lb = 10,400 lbs./yr - source: company estimate	5.20	0.00	0.00
218	Retailer	Source Reduction	Plastic	360 hangers per week X 52 / 5 hangers per lb = 3,744 lbs./yr - source: company estimate	1.87	0.00	0.00
		Recycling	Product Returns	12.5 pairs of shoes per month X 12 X 2.5 lbs per pair = 375 lbs./yr - source: USEPA	0.00	0.19	0.00
219	Retailer	Recycling	Grease	20 gallons weekly X 52 X 7 lbs per gallon = 7,280 lbs./yr - source: USEPA	0.00	3.64	0.00
		Recycling	Cardboard	6 cubic yards weekly X 52 X 60.08 lbs per cubic yard = 19,624.96 lbs./yr - source: USEPA	0.00	7.81	0.00
220	Retailer	Recycling	Grease	55 gallons monthly X 12 X 7 lbs per gallon = 4,620 lbs./yr - source: USEPA	0.00	2.31	0.00
		Recycling	Metal	26 aluminum cans monthly X 12 / 26 cans per lb = 11.54 lbs./yr - source: USEPA	0.00	0.01	0.00

		Composting	Green Waste	3 cubic yards monthly X 12 X 48.69 lbs per cubic yard = 1,690.84 lbs./yr - source: USEPA	0.00	0.00	0.84
221	Property Management	Recycling	Grease	10 gallons weekly X 52 X 7 lbs per gallon = 3,840 lbs./yr - source: USEPA	0.00	1.82	0.00
		Recycling	Glass	2 cases weekly X 52 X 24 lbs ea = 2,496 lbs./yr - source: USEPA	0.00	1.25	0.00
		Recycling	Glass	72 bottles weekly X 52 X 1.06 lbs ea = 4,043.52 lbs./yr - source: USEPA	0.00	2.02	0.00
222	Property Management	Source Reduction	Food	20 pounds donated daily X 260 = 5,200 lbs./yr	2.60	0.00	0.00
		Source Reduction	Metal	100 hangers weekly X 52 X 0.14 lbs ea = 728 lbs./yr - source: USEPA	0.36	0.00	0.00
		Recycling	Grease	70 gallons weekly X 52 X 7 lbs per gallon = 25,480 lbs./yr - source: USEPA	0.00	12.74	0.00
		Source Reduction	Leather/Textiles	20 pairs of shoes weekly X 52 X 2 lbs. ea = 4,160 lbs./yr - source: company estimate	2.08	0.00	0.00
223	Property Management	Recycling	Cardboard	3 cubic yards weekly X 52 X 60.06 lbs per cubic yard = 7,812.48 lbs./yr - source: USEPA	0.00	3.91	0.00
224	Property Management	Recycling	Grease	35 gallons weekly X 52 X 7 lbs per gallon = 12,740 lbs./yr - source: USEPA	0.00	6.37	0.00
		Recycling	Wood	N/A - company provided data	0.00	0.30	0.00
225	Property Management	Recycling	Paper	33 gallons twice monthly X 12 X 25.41 lbs per container	0.00	0.30	0.00
226	Property Management	Recycling	Grease	40 gallons monthly X 12 X 7 lbs per gallon = 3,360 lbs./yr - source: USEPA	0.00	1.68	0.00
		Recycling	Cardboard	1 cubic yard monthly X 12 X 50.08 lbs per cubic yard = 600.96 lbs./yr - source: USEPA	0.00	0.30	0.00
227	Property Management	Recycling	Paper	33 gallons every 2 weeks X 26 X 25.41 lbs per container = 660.86 lbs./yr - source: USEPA	0.00	0.33	0.00
228	Property Management	Recycling	Grease	100 gallons weekly X 52 X 7 lbs per gallon = 36,372 lbs./yr - source: USEPA	0.00	18.19	0.00
		Recycling	Batteries	15 per month X 12 X 90 lbs ea = 5,400 lbs./yr - source: company estimate	0.00	2.70	0.00
		Recycling	Cardboard	6 cubic yards weekly X 52 X 50.08 lbs per cubic yard = 15,624.96 lbs./yr - source: USEPA	0.00	7.81	0.00
229	Property Management	Recycling	Product Returns	N/A - company provided data	0.00	0.90	0.00
		Recycling	Cardboard	2 cubic yards weekly X 52 X 50.08 lbs per cubic yard = 5,208.32 lbs./yr - source: USEPA	0.00	2.60	0.00
230	Property Management	Recycling	Cardboard	3 cubic yards monthly X 12 X 50.08 lbs per cubic yard = 1,802.88 lbs./yr - source: USEPA	0.00	0.90	0.00
231	Property Management	Recycling	Paper	N/A - company provided data	0.00	0.60	0.00
		Recycling	Cardboard	3 cubic yards every 2 weeks X 26 X 50.08 lbs. per cubic yard = 3,906.24 lbs./yr - source: USEPA	0.00	1.96	0.00
232	Property Management	Source Reduction	Metal	75 hangers weekly X 52 X .08 lbs ea = 312 lbs./yr - source: USEPA	0.16	0.00	0.00

			Recycling	Glass	24 cases weekly X 52 X 22 lbs ea = 1,144 lbs./yr - source: USEPA	0.00	0.57	0.00
			Recycling	Grease	30 gallons monthly X 12 X 7 lbs per gallon = 2,520 lbs./yr - source: USEPA	0.00	1.28	0.00
			Recycling	Glass	N/A - company provided data	0.00	1.63	0.00
			Recycling	Cardboard	3 cubic yards weekly X 52 X 50.08 lbs per cubic yard = 7,812.48 lbs./yr - source: USEPA	0.00	3.91	0.00
233	Property Management		Recycling	Grease	55 gallons every 2 months X 6 X 7 lbs per gallon = 2,310 lbs./yr - source: USEPA	0.00	1.16	0.00
			Recycling	Cardboard	3 cubic yards monthly X 12 X 50.08 lbs per cubic yard = 1,802.88 lbs./yr - source: USEPA	0.00	0.90	0.00
234	Property Management		Recycling	Grease	90 gallons weekly X 52 X 7 lbs per gallon = 32,760 lbs./yr - source: USEPA	0.00	16.38	0.00
			Recycling	Glass	76 wine bottle per week X 52 X 1.08 lbs ea = 4,212 lbs./yr - source: USEPA	0.00	2.10	0.00
			Recycling	Glass	125 beer bottles weekly X 52 X .055 ea = 3,575 lbs./yr - source: USEPA	0.00	1.79	0.00
235	Property Management		Source Reduction	Metal	50 hangers weekly X 52 X 0.14 lbs ea = 582.40 lbs./yr - source: USEPA	0.29	0.00	0.00
			Source Reduction	Cardboard	3 cubic yards every 3 months X 4 X 50.08 lbs per cubic yard = 600.96 lbs./yr - source: USEPA	0.30	0.00	0.00
			Source Reduction	Styrofoam	3 cubic yards every 2 months X 6 X 6.27 lbs per cubic yard = 112.86 lbs./yr - source: USEPA	0.06	0.00	0.00
			Source Reduction	Plastic	3 cubic yards of bubble wrap every 2 months X 6 X 20 lbs per cubic yard = 120 lbs./yr - source: USEPA	0.06	0.00	0.00
			Recycling	Plastic	10 5-gallon buckets weekly X 52 X 1.9 lbs ea = 988 lbs./yr - source: USEPA	0.00	0.49	0.00
236	Property Management		Source Reduction	Food	50 lbs of food donated weekly X 52 = 2,600 lbs./yr	1.30	0.00	0.00
			Recycling	Grease	20 gallons weekly X 52 X 7 lbs per gallon = 7,280 lbs./yr - source: USEPA	3.64	0.00	0.00
237	Property Management		Recycling	Paper	33 gallon container weekly X 52 X 25.41 lbs ea = 1,321.32 lbs./yr - source: USEPA	0.00	0.66	0.00
238	Property Management		Recycling	Grease	65 gallons every 2 weeks X 26 X 7 lbs per gallon = 23,660 lbs./yr - source: USEPA	0.00	11.83	0.00
			Recycling	Cardboard	6 cubic yards weekly X 52 X 50.08 lbs per cubic yard = 16,624.96 lbs./yr - source: USEPA	0.00	7.81	0.00
239	Property Management		Source Reduction	Metal	30 hangers daily X 360 X 0.14 lbs. ea = 1,476 lbs./yr - source: USEPA	0.74	0.00	0.00
			Recycling	Paper	N/A - company provided data	0.00	3.60	0.00
			Recycling	Tires	220 per month X 12 X 20 lbs ea = 52,800 lbs./yr - source: USEPA	0.00	28.40	0.00
			Recycling	Metal	56 gallon drum of brake parts 3 times weekly X 52 X 228.5 lbs per drum = 36,334 lbs./yr - source: USEPA	0.00	17.57	0.00
			Recycling	Batteries	10 weekly X 52 X 20 lbs ea = 10,400 lbs./yr - source: USEPA	0.00	6.20	0.00

240	Property Management	Source Reduction	Metal	100 hangers per month X 12 X 0.14 lbs ea = 168 lbs./yr - source: USEPA	0.08	0.00	0.00
		Recycling	Grease	100 gallons monthly X 12 X 7 lbs per gallon = 9,100 lbs./yr - source: USEPA	0.00	4.55	0.00
241	Property Management	Recycling	Wood	N/A - company provided data	0.00	0.60	0.00
		Recycling	Grease	55 gallons monthly X 12 X 7 lbs per gallon = 4,620 lbs./yr - source: USEPA	0.00	2.31	0.00
		Source Reduction	Food	Donate 25 lbs weekly X 52 = 1,300 lbs./yr	0.65	0.00	0.00
		Source Reduction	Cardboard	3 cubic yards every 2 months X 6 X 50.08 lbs per cubic yard = 901.44 lbs./yr - source: USEPA	0.45	0.00	0.00
		Source Reduction	Plastic	3 cubic yards every 4 months X 3 X 6.27 lbs per cubic yard = 58.43 lbs./yr - source: USEPA	0.03	0.00	0.00
		Source Reduction	Plastic	3 cubic yards of bubble wrap every 3 months X 6 X 20 lbs per cubic yard = 60 lbs./yr - source: USEPA	0.03	0.00	0.00
242	Property Management	Recycling	Paper	64 gallons weekly X 52 X 0.77 lbs per gallon = 2,562.56 lbs./yr - source: USEPA	0.00	1.28	0.00
243	Property Management	Recycling	Cardboard	9 cubic yards monthly X 12 X 50.08 lbs per cubic yard = 5,408.64 lbs./yr - source: USEPA	0.00	2.70	0.00
		Recycling	Paper	3 cubic yards every 6 months X 2 X 363 lbs per cubic yard = 2,178 lbs./yr - source: USEPA	0.00	1.09	0.00
244	Property Management	Recycling	Grease	40 gallons weekly X 52 X 7 lbs per gallon = 14,560 lbs./yr - source: USEPA	0.00	7.28	0.00
		Recycling	Paper	33 gallons weekly X 52 X 25.41 ea = 1,321.32 lbs./yr - source: USEPA	0.00	0.66	0.00
245	Property Management	Source Reduction	Metal	150 hangers weekly X 52 X 0.14 lbs. ea = 1,092 lbs./yr - source: USEPA	0.56	0.00	0.00
		Recycling	Grease	110 gallons per month X 12 X 7 lbs per gallon = 9,240 lbs./yr - source: USEPA	0.00	4.62	0.00
		Source Reduction	Cardboard	3 cubic yards every 2 months X 50.08 lbs per cubic yard = 901.44 lbs./yr - source: USEPA	0.45	0.00	0.00
		Source Reduction	Styrofoam	3 cubic yards every 3 months X 4 X 6.27 lbs per cubic yard = 75.24 lbs./yr - source: USEPA	0.04	0.00	0.00
		Source Reduction	Plastic	3 cubic yards of bubble wrap every 3 months X 4 X 20 lbs per cubic yard = 80 lbs./yr - source: USEPA	0.04	0.00	0.00
		Recycling	Cardboard	6 cubic yards weekly X 52 X 50.08 lbs per cubic yard = 15,624.96 lbs./yr - source: USEPA	0.00	7.81	0.00
246	Property Management	Recycling	Grease	55 gallons every 2 months X 6 X 7 lbs per gallon = 2,310 lbs./yr - source: USEPA	0.60	1.10	0.00
		Recycling	Cardboard	8 cubic yards every 2 weeks X 26 X 50.08 lbs. per cubic yard = 7,812.48 lbs./yr - source: USEPA	0.00	3.91	0.00
247	Property Management	Recycling	Grease	55 gallons monthly X 12 X 7 lbs per gallon = 4,620 lbs./yr - source: USEPA	0.00	2.31	0.00

		Recycling	Plastic	40, 5-gallon buckets per week X 52 X 1.9 lbs ea = 3,952 lbs./yr. - source: USEPA	0.00	1.98	0.00
		Source Reduction	Metal	30 hangers daily X 360 X 0.14 lbs ea = 1,470 lbs./yr. - source: USEPA	0.74	0.00	0.00
		Recycling	Grease	95 gallons weekly X 52 X 7 lbs per gallon = 34,580 lbs./yr. - source: USEPA	0.00	17.29	0.00
		Recycling	Glass	12 cases weekly X 52 X 24 lbs ea = 14,976 lbs./yr. - source: USEPA	0.00	7.49	0.00
		Recycling	Paper	33 gallon container every 2 weeks X 26 X 25.41 lbs ea = 680.66 lbs./yr. - source: USEPA	0.00	0.33	0.00
		Recycling	Cardboard	6 cubic yards weekly X 52 X 50.08 lbs per cubic yard = 15,624.96 lbs./yr. - source: USEPA	0.00	7.61	0.00
248	Property Management	Recycling	Paper	33 gallon container weekly X 52 X 25.41 lbs ea = 1,321.32 lbs./yr. - source: USEPA	0.00	0.66	0.00
		Recycling	Grease	50 gallons per month X 12 X 7 lbs per gallon = 4,200 lbs./yr. - source: USEPA	0.00	2.10	0.00
		Recycling	Cardboard	3 cubic yards weekly X 52 X 50.08 lbs per cubic yard = 7,812.48 lbs./yr. - source: USEPA	0.00	3.91	0.00
249	Property Management	Source Reduction	Metal	50 hangers monthly X 12 X 0.14 lbs ea = 84 lbs./yr. - source: USEPA	0.04	0.00	0.00
250	Retailer	Recycling	Metal	20 aluminum cans daily X 360 / 28 cans per lb = 276.92 lbs./yr. - source: USEPA	0.00	0.14	0.00
251	Inn	Recycling	Metal	160 aluminum cans weekly X 52 / 28 cans per lb = 300 lbs./yr. - source: USEPA	0.00	0.15	0.00
		Recycling	Plastic	70 bottles weekly X 52 X 0.05 lbs ea = 182 lbs./yr. - source: USEPA	0.00	0.09	0.00
252	Retailer	Recycling	Paper	12 cubic yards weekly X 52 X 50.08 lbs. per cubic yard = 226,824 lbs./yr. - source: USEPA	0.00	113.41	0.00
		Source Reduction	Cardboard	50 per month X 12 X 1 lbs ea = 600 lbs./yr. - source: company estimate	0.30	0.00	0.00
		Recycling	Plastic	30 toner cartridges per week X 52 X 2.5 lbs ea = 3,900 lbs./yr. - source: USEPA	0.00	1.95	0.00
		Recycling	Plastic	30 ink cartridges per week X 52 X .80 lbs each = 632 lbs./yr. - source: USEPA	0.00	0.42	0.00
253	Property Management	Recycling	Cardboard	2 cubic yards monthly X 12 X 50.08 lbs per cubic yard = 1,201.92	0.00	0.60	0.00
		Recycling	Grease	110 gallons per month X 12 X 7 lbs per gallon = 9,240 lbs./yr. - source: USEPA	0.00	4.62	0.00
254	Property Management	Recycling	Cardboard	6 cubic yards monthly X 12 X 50.08 lbs per cubic yard = 3,605.76 lbs./yr. - source: USEPA	0.00	1.80	0.00
255	Office	Recycling	Paper	33 gallons weekly X 52 X 25.41 ea = 1,321.32 lbs./yr. - source: USEPA	0.00	0.66	0.00
		Recycling	Plastic	5 monthly X 12 X 2.5 lbs. ea = 150 lbs./yr. - source: USEPA	0.00	0.06	0.00
256	Property Management	Recycling	Paper	6, 55 gallon tolers monthly X 12 X 45.03 lbs ea = 3,242.16 lbs./yr. - source: USEPA	0.00	1.62	0.00

257	Property Management	Source Reduction	Clothing	18 cubic yards weekly X 52 X 225 lbs per cubic yard = 210,600 lbs./yr - source: USEPA	105.30	0.00	0.00
		Source Reduction	Brown Goods	N/A - company provided data	2.60	0.00	0.00
		Source Reduction	Paper	N/A - company provided data	5.20	0.00	0.00
		Source Reduction	Housewares	N/A - company provided data	2.60	0.00	0.00
258	Retailer	Source Reduction	Clothing	15 cubic yards weekly X 52 X 225 lbs per cubic yard = 175,600 lbs./yr - source: USEPA	67.75	0.00	0.00
		Source Reduction	Brown Goods	N/A - company provided data	7.60	0.00	0.00
		Source Reduction	Paper	N/A - company provided data	2.60	0.00	0.00
		Source Reduction	Housewares	N/A - company provided data	2.60	0.00	0.00
259	Institutional	Recycling	Paper	2 newspapers daily X 365 X 3 lbs ea = 2,190 lbs./yr - source: company estimate	0.00	1.10	0.00
		Recycling	Paper	55 gallon container every 2 weeks X 26 X 0.77 lbs per gallon = 1,101.10 lbs./yr - source: USEPA	0.00	0.55	0.00
		Recycling	Metal	5 aluminum cans daily X 365 / 28 cans per lb = 70.19 lbs./yr - source: USEPA	0.00	0.35	0.00
		Recycling	Plastic	N/A - company provided data	0.00	0.02	0.00
		Recycling	Glass	N/A - company provided data	0.00	0.52	0.00
260	Hospital	Recycling	Rendering	15 animals @ 35 lbs. ea X 12 = 6,300 lbs./yr - source: company estimate	0.00	3.15	0.00
261	Institutional	Source Reduction	Clothing	9 cubic yards weekly X 52 X 225 lbs per cubic yard = 106,300 lbs./yr - source: USEPA	62.65	0.00	0.00
		Source Reduction	Brown Goods	N/A - company provided data	10.40	0.00	0.00
		Source Reduction	Paper	N/A - company provided data	6.50	0.00	0.00
		Source Reduction	Housewares	N/A - company provided data	3.90	0.00	0.00
262	Tustin Animal Hospital	Recycling	Rendering	10 animals @ 35 lbs. ea X 12 = 4,200 lbs./yr - source: company estimate	0.00	2.10	0.00
263	Tustin Hospital	Recycling	Paper	24, 33 gallon containers monthly X 12 X 0.77 lbs per gallon = 7,318.08 lbs./yr - source: USEPA	0.00	3.66	0.00
		Recycling	Paper	6, 66-gallon containers monthly X 12 X 0.77 lbs per gallon = 3,603.60 lbs./yr - source: USEPA	0.00	1.80	0.00
		Recycling	Cardboard	3 cubic yards monthly X 12 X 50.08 lbs per cubic yard = 1,802.88 lbs./yr - source: USEPA	0.00	0.90	0.00
		Recycling	Grease	55 gallons monthly X 12 X 7 lbs per gallon = 4,620 lbs./yr - source: USEPA	0.00	2.31	0.00
		Source Reduction	Food	Donate 75 lbs monthly X 12 = 900 lbs./yr	0.45	0.00	0.00
		Recycling	Metal	300 aluminum cans daily X 365 / 28 cans per lb = 4,211.54 lbs./yr - source: USEPA	0.00	2.11	0.00
264	Hospital	Recycling	Paper	14, 33 gallon containers of shredded paper weekly X 52 X 8 lbs ea = 5,824 lbs./yr - source: USEPA	0.00	2.91	0.00
		Recycling	Cardboard	1 cubic yard weekly X 52 X 50.08 lbs per cubic yard = 2,604.16 lbs./yr - source: USEPA	0.00	1.30	0.00
		Recycling	Plastic	50 plastic bottles per day X 260 X .05 lbs ea = 650 lbs./yr - source: USEPA	0.00	0.33	0.00

205 Institutional	Recycling	Paper	6.25	0.00	0.00
	Source Reduction	Metal	0.00	6.00	0.00
	Source Reduction	Wood	0.00	4.00	0.00
	Recycling	Grease	5.01	0.00	0.00
	Recycling	Paper	1.08	0.00	0.00
* C & D Construction Trade	Recycling	Wood	0.00	0.00	0.00

5,000 books @ 2.5 lbs ea = 12,500 lbs/yr - sources: company estimate
 N/A - company provided data - furniture
 N/A - company provided data - furniture
 55 gallons every 2 weeks X 26 X 7 lbs per gallon = 10,010 lbs/yr - sources: USEPA
 3 cubic yards every 6 months X 2 X 363 lbs per cubic yard = 2,178 lbs/yr - sources: USEPA
 3,280 tons per year ground into wood chips at Fountain Valley Facility. 2,000 tons of concrete/aster ground into base product for asphalt at Yorba Linda facility. Tonnage is included in C&D Diversion below (not included with waste survey tonnage).

			2090.41	20995.00	5114.48
(includes grasscycling)					

Non-Residential Audit Totals by Diversion Type	2080.41
Source Reduction	2085.00
Recycling	5114.48
Composting	2809.89
Total From Audits	

Other Non-Residential Diversion	
Extrapolated Diversion (from non-residential audits)	2087.61
Hauler Commercial/Multi-Family Recycling	1279.00
Hauler Industrial Recycling	4289.00
City, Schools, Streets, and Parks Composting	1307.60
City, Schools, Streets, and Parks Source Reduction	2480.32
Self-Haul Multi-Family Composting	2080.66
Self-Haul Industrial Composting	1475.59
Office & Retail Center Composting	730.60
Tree Company Composting	1604.00
Self-Haul Construction & Demolition Waste Diversion*	10196.76
Transformation (SERRF)	3639.00
Landfill Salvage	411.13
Other Non-Residential Diversion	31551.27

Residential Diversion	
Hauler Curbside Recycling	2906.00
CRV Redemption Center Recycling	250.00
HOA Source Reduction	214.16
HOA Green Waste Drop-Off Composting	1873.88
Hauler Curbside Greenwaste Composting	4168.00
Christmas Tree Composting	31.00
Total From Residential Diversion	9443.04

Total Diversion	99094.20
Total Diversion Originally Submitted	65481.24
Difference	33612.96

* Less tonnage of R&S Dumping (listed as #1 in non-residential audits above)
 (includes grasscycling)
 (includes 5,280 tons of Diversion from Alexis Const. Not in earlier report.)

Attachment 10

A. Description of Sampling Method Used

Federal Disposal Service customer service lists were used and compared to utility and city business license rolls. Large businesses (those with the greatest number of employees or with the greater volume of trash) were categorized as "A List" businesses for the purposes of our waste generation study. No diversion from A-List businesses was extrapolated. A-List businesses were further clustered by business type for peer comparisons.

Businesses not included in the A-List surveys were grouped by business type and labeled as "B-List" firms. The B-List firms were grouped to observe common waste generation between peers and for future recycling promotion planning. The table below shows the B-List groupings utilized, as well as the percentage of firms surveyed with respect to the grouping used as the basis for extrapolation:

B-List Sample Size Listing

B-List Grouping	# Of Firms Surveyed	Total Firms in Group	%
Industrial	97	148	65.54%
Restaurants	63	82	76.83%
Retail	38	44	86.36%
Automobile Dealers	6	10	60.00%
Automotive	35	40	87.50%
Total	239	324	73.77%

As the table above shows, our basis for B-List extrapolations exceeds guidelines established in the CIWMB approved diversion study guide. In total, 73.77% of B-List businesses were surveyed, requiring extrapolation of diversion activity to only the remaining 26.23% of firms. Extrapolation of B-List surveys accounts for 2,057.62 tons, or 1.43% of the total waste generation identified for calendar year 2001.

Anomalies encountered in each grouping were removed to the A-List. We are very confident in the accuracy of the extrapolated diversion tonnage incorporated into the waste generation study.

The attached narrative and subsequent table provides greater detail of all surveys performed, as well as those B-List firms that were clustered to facilitate extrapolation.

B. Methods Used to Prevent Double Counting of Diversion

No weight ticket sources were used other than county landfill and franchise hauler. No composter source, recycler, or materials recycling facilities are used in this study. Specific sampling and survey methods used are detailed in the attached narrative, by source of generation. Survey methodologies used were a combination of phone, mailer, and on-site surveys, with an emphasis placed upon on-site studies. Personnel performing

the surveys were either the contracted consultant (Michael Balliet Consulting) or Federal Disposal Service staff trained and supervised by Mr. Balliet.

The Franchise Agreement between the City of Tustin and Federal Disposal Service requires that Federal Disposal Service monitor recycling participation of each of their customers. Non-residential diversion was determined through surveys of entities targeted from these customer lists of Federal Disposal Service and double-checked against other stratified or cluster lists.

C. Extrapolation Method Used

Lots were sorted by either customer or street name. Selections for survey were made from the sorted list in accordance with the sampling requirements of the Diversion Study Guide (Appendix K), on a systematic random basis.

An average diversion figure was determined for the selected samples by dividing the sum of diversion by the quantity sampled. The average diversion figure was then applied to the total lot quantity.

The following safeguards were also utilized to insure accurate sampling:

- Large waste producers and those with atypical diversion practices were removed from extrapolated lots.
- Restricted waste producer figures are not extrapolated and limited.
- To the greatest extent possible, lots were stratified or clustered to provide an opportunity for peer review.
- Sample quantities were performed in accordance with Appendix K of the CIWMB approved Diversion Study guide.

Retail	Survey		1,320					14,560	15,880	7.94
Retail	Random		16,528			80		9,240	27,014	19.51
Retail	Random	661	15,025			3,952		39,200	75,884	37.94
Retail	Survey		7,820					2,320	10,140	5.07
Retail									0	0.00
Retail	Survey	1,320	7,820					4,200	13,340	6.67
Retail									6	0.00
Retail	Survey								87	0.04
									SUM	281.38
									COUNTIF>1	34.00
									LOT QUANTITY	44.00
									AVG. TONS EACH	8.28
									TOTAL ANNUAL TONS	394.11

Sorted by Company Name
Sampled 38 of 44

gas station	Random	1,803	620					1,660	3,973	1.99
gas station	Random		10,400					52,000	62,400	31.20
gas station	Random								0	0.00
tire store	Random		3,900					105,960	109,860	54.93
auto repair shop	Random		14,820					760	15,370	7.69
auto repair shop	Random		2,220					17,700	19,920	9.96
auto repair shop									0	0.00
gas station	Random								0	0.00
gas station	Random								0	0.00
gas station	Random		12,106					12,000	24,108	12.05
gas station	Random								0	0.00
gas station	Random								0	0.00
gas station	Random								0	0.00
carwash	Random								0	0.00
gas station	Random								0	0.00
auto repair shop	Random		1,710					3,575	5,285	2.64
auto repair shop	Random		2,860						2,860	1.43
auto repair shop	Random								0	0.00
carwash	Random								0	0.00
auto repair shop	Random								0	0.00
auto repair shop	Random		7,150						7,150	3.58
auto repair shop	Random								0	0.00
auto repair shop	Random								0	0.00
tire store	Random		11,752					198,200	207,952	103.98
gas station	Random								0	0.00
gas station	Random		264					5,250	5,514	2.76
carwash	Random								0	0.00
gas station	Random		520					1,200	1,720	0.86
gas station	Random								0	0.00
tire store	Random								0	0.00
gas station	Random								0	0.00
gas station	Random								0	0.00
auto repair shop	Random		5,436					250	5,686	2.84
auto repair shop	Random								0	0.00

Auto Dealer	Survey	15,620				105,600	168,100	84.05	
Auto Dealer	Survey	120	15,620			13,600	69,080	34.54	
Auto Dealer	Survey					14,400	38,500	19.25	
Auto Dealer							0	0.00	
Auto Dealer							0	0.00	
Auto Dealer	Survey				20	6,000	30,020	15.01	
Auto Dealer	Survey					123,600	168,220	84.11	
Auto Dealer							0	0.00	
Auto Dealer	Survey	720	13,020				31,740	15.87	
Auto Dealer							0	0.00	
							SUM	252.83	
							COUNTIF>.10		6.00
							LOT QUANTITY		10.00
							AVG. TONS EACH		42.14
							TOTAL ANNUAL TONS		421.38

Sorted by Company Name
Sample 10 of 10